# HAZARD WARNINGS AND SAFETY RECOMMENDATIONS

GHS Pictogram	Description Code	Signal Word	Hazard Statement
	Explosives GHS 01	Danger / Warning	<b>Explosion</b> due to minor impact of fire, heat, agitation, friction
	Flame GHS 02	Danger / Warning	<b>Ignition</b> or self-ignition caused by sparks, heat, water contact
	<b>Flame over circle</b> GHS 03	Danger / Warning	<b>Fire intensification</b> even in the absence of air Cause of fire in the vicinity
	<b>Gas cylinder</b> GHS 04	Warning	Rupture of the gas bottle Cold injury upon contact
	Corrosion GHS 05	Danger / Warning	Burns with severe tissue damage Destruction of metals
	<b>Skull and crossbones</b> GHS 06	Danger	<b>Life-threatening poisoning</b> even by small amounts and short contact duration
	<b>Exclamation mark</b> GHS 07	Warning	Irritation, health damage, ozone layer depletion
	<b>Health hazard</b> GHS 08	Danger / Warning	Very serious health damage with delayed onset
***	Environment GHS 09	Warning	<b>Poisoning</b> of aquatic life Long-term damage to ecosystem

Source: GHS¬Memocard "Gefahrstoffe kompakt" | First edition. Dortmund: 2011 Information Center of the Bundesanstalt für Arbeitsschutz und Arbeitsmedizin | Postfach 17 02 02 | 44061 Dortmund (Germany)

- The Hazard (H) and Precautionary (P) Statements are danger and safety phrases for hazardous substances used within the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The GHS is a worldwide standardized system for the classification of chemicals and their labelling on packaging and in safety data sheets. The European Parliament and Council ruled the GHS to be implemented in the EU by 2010 for substances and by 2015 for mixtures. Transitional periods were determined during which it is possible to label according to the earlier directives 67/548/EEC and 1999/45/EC. The GHS's Hazard and Precautionary Statements replace the R and S Phrases previously used in the EU.
- The R-Phrases and S-Phrases (risk and safety statements) are codified warnings for characterizing the dangers of hazardous substances (elements, compounds and preparations made from these). Together with the hazard designation and the corresponding hazard symbols for mixtures as part of the hazardous substance labelling required in the EU, they are valid until 2015 plus a 2 year period for stock sales. On the following pages, you will find all Hazard and Precautionary Statements as well as all R-Phrases and S-Phrases.

#### Notice:

Bernd Kraft® constantly updates its labels to the scientific state-of-the-art and to changes in laws and regulations. Therefore, this product and price list can only reflect the status at the time of going to press. Only the information stated on the label is decisive.



### **Hazard Statements (H Statements)**

The first digit of the three-digit number represents the hazard group:

- 2 Physico-chemical hazards
- 3 Health hazards
- 4 Environmental hazards

2 Physico-che	mical hazards
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H200	Unstable, explosive
H201	Explosive; mass explosion hazard
H202	Explosive; severe projection hazard
H203	Explosive; fire, blast or projection hazard
H204	Fire or projection hazard
H205	May mass explode in fire
H220	Extremely flammable gas
H221	Flammable gas
H222	Extremely flammable aerosol
H223	Flammable aerosol
H224	Extremely flammable liquid and vapour
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H228	Flammable solid
H229	Pressurized container: may burst if heated
H230	May react explosively even in the absence of air
H231	May react explosively even in the absence of air at
	elevated pressure and/or temperature
H240	Heating may cause an explosion
H241	Heating may cause a fire or explosion
H242	Heating may cause a fire
H250	Catches fire spontaneously if exposed to air
H251	Self-heating; may catch fire
H252	Self-heating in large quantities; may catch fire
H260	In contact with water releases flammable gases which
	may ignite spontaneously
H261	In contact with water releases flammable gas
H270	May cause or intensify fire; oxidizer
H271	May cause fire or explosion; strong oxidizer
H272	May intensify fire; oxidizer
H280	Contains gas under pressure; may explode if heated
H281	Contains refrigerated gas; may cause cryogenic burns or
	injury

#### 3 Health hazards

H290

11200

H334

H300	ratai ii swallowed
H301	Toxic if swallowed
H302	Harmful if swallowed
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H305	May be harmful if swallowed and enters airways
H310	Fatal in contact with skin
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H332	Harmful if inhaled
H333	May be harmful if inhaled

May cause allergy or asthma symptoms or breathing

May be corrosive to metals

Eatal if swallowed

difficulties if inhaled

H336 May cause drowsiness or dizziness
 H340 May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure

cause the hazard)

H341 Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes

of exposure cause the hazard)
H350 May cause cancer. o oral intake d dermal (skin contact)
i Inhalation

H351 Suspected of causing cancer

H360 May damage fertility (F) or the unborn child (D) (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H361 Suspected of damaging fertility (F) or the unborn child (D) (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H362 May cause harm to breast-fed children

H370 Causes damage to organs
H371 May cause damage to organs

H372 Causes damage to organs (state all organs affected) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H373 May cause damage to organs (state all organs affected) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

#### 4 Environmental hazards

Very toxic to aquatic life

H400

H401 Toxic to aquatic life
 H402 Harmful to aquatic life
 H410 Very toxic to aquatic life with long-lasting effects
 H411 Toxic to aquatic life with long-lasting effects
 H412 Harmful to aquatic life with long-lasting effects
 H413 May cause long-lasting harmful effects to aquatic life
 H440 Harms public health and the environment by destroying ozone in the upper atmosphere

#### EU-specific additional hazard phrases Physical hazards

EUH001 Explosive when dry

EUH006 Explosive with or without contact with air

EUH014 Reacts violently with water

EUH018 In use may form flammable/explosive vapour-air mixture

EUH019 May form explosive peroxides

EUH044 Risk of explosion if heated under confinement

#### Health hazards

EUH029 Contact with water liberates toxic gas EUH031 Contact with acids liberates toxic gas

EUH032 Contact with acids liberates very toxic gas

EUH066 Repeated exposure may cause skin dryness or cracking

EUH070 Toxic by eye contact

EUH071 Corrosive to the respiratory tract

#### **Environmental hazards**

EUH059 Hazardous to the ozone layer

#### Other EU hazard phrases

EUH201 Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

EUH203 Contains chromium(VI). May produce an allergic

EUH204 Contains isocyanates. May produce an allergic reaction.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

EUH207 Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.

EUH208 Contains ... (name of sensitising substance). May produce an allergic reaction.

EUH209 Can become highly flammable in use OR can become flammable in use

EUH210 Safety data sheet available on request

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

#### Additional labelling phrases according to TRGS 200

A26 For commercial use only A96 For industrial use only

### **Precautionary Statements (P Statements)**

The first digit of the three-digit number represents the hazard group:

- 1 General statements
- 2 Prevention statements
- 3 Response statements
- 4 Storage statements
- 5 Disposal statements

P234

1 Gen	eral statements	P235 P240
P101	If medical advice is needed, have product container or label at hand	
P102	Keep out of reach of children	
P103	Read label before use	
		P241
Preve	ntion statements	
		P242
P201	Obtain special instructions before use	P243
P202	Do not handle until all safety precautions have been read	P244

P202	Do not handle until all safety precautions have been read
	and understood
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
P211	Do not spray on an open flame or other ignition source
P220	Keep/Store away from clothing//combustible
	materials (intolerable materials to be specified by the manufacturer/supplier)
P221	Take any precaution to avoid mixing with combustibles
P222	Do not allow contact with air
P223	Keep away from any possible contact with water, because of violent reaction and possible flash fire
P230	Keep wetted with (Suitable material to be specified by manufacturer/supplier, if drying increases the explosion risk and this is not required for manufacturing or operating processes, e.g. nitrocellulose)
P231	Handle under inert gas
P232	Protect from moisture
P233	
PZ33	Keep container tightly closed

Keep only in original container

P240	Ground/bond container and receiving equipment
	(if electrostatically sensitive material is decanted
	or if product is volatile and can create a dangerous
	atmosphere or if electrostatically sensitive material is
	decanted)

P241 Use explosion-proof electrical/ventilating/lighting equipment

P242 Use only non-sparking tools

Keen cool

Take precautionary measures against static discharge
Repreduction valves free from grease and oil

P250 Do not subject to grinding/shock/.../friction (... manufacturer/supplier must state which type of mechanical stress must be avoided).

P251 Pressurized container: Do not pierce or burn, even after use

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
(Acute toxicity upon inhalation, specific target organ toxicity: manufacturer/supplier must state applicable conditions. Skin corrosion, reproductive toxicity: specify no dust or smoke to be inhaled if inhalable dust or smoke particles can occur)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray (manufacturer/supplier must state applicable conditions.)

P262 Do not get in eyes, on skin, or on clothing P263 Avoid contact during pregnancy/while breastfeeding

P264 Wash ... thoroughly after handling (manufacturer/ supplier must state which body parts are to be washed after use.) 1. Hands 2. Face

P270 Do no eat, drink or smoke when using this product.



P271	Use only outdoors or in a well-ventilated area	P376 Stop leak if safe to do so
P272	Contaminated work clothing should not be allowed out	P377 Leaking gas fire: Do not extinguish, unless leak can be
	of the workplace.	stopped safely
P273	Avoid release into the environment (as far as this is not	P378 Use for extinction (manufacturer/supplier to state
FZ/3	the intended use.)	
DD 0.0		appropriate medium if water increases danger)
P280	Wear protective gloves/protective clothing/eye	P380 Evacuate area
	protection/face protection	P381 Eliminate all ignition sources if safe to do so
P281	Use personal protective equipment as required.	P390 Absorb spillage to prevent material damage
P282	Wear cold insulating gloves/face shield/eye protection	P391 Collect spillage
P283	Wear fire/flame resistant/retardant clothing	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER
P284	Wear respiratory protection (manufacturer/supplier must	or doctor/physician
	state equipment to be used.)	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/
P285	In case of inadequate ventilation wear respiratory	physician if you feel unwell
	protection (manufacturer/supplier must state equipment	P301+ P330 + P331 IF SWALLOWED: rinse mouth. Do NOT
	to be used.)	induce vomiting.
D231 i	P232 Handle under inert gas. Protect from moisture.	P302 + P334 Immerse in cool water/wrap in wet bandages
PZ35 +	P410 Keep cool. Protect from sunlight.	P302 + P350 IF ON SKIN: Gently wash with plenty of soap and
		water
3 Resp	onse statements	P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
		P303 + P361+ P353 F ON SKIN (or hair): Remove/Take off
P301	IF SWALLOWED:	immediately all contaminated clothing. Rinse
P302	IF ON SKIN:	skin.
P303	IF ON SKIN (or hair):	P304 + P340 IF INHALED: Remove victim to fresh air and keep at
P304	IF INHALED:	rest in a position comfortable for breathing
P305	IF IN EYES:	P304 + P341 IF INHALED: If breathing is difficult, remove
P306	IF ON CLOTHING:	victim to fresh air and keep at rest in a position
P307	IF exposed:	comfortable for breathing
P308	IF exposed or concerned:	P305 + P351+ P338 IF IN EYES: Rinse cautiously with water for
P309	IF exposed or if you feel unwell:	several minutes. Remove contact lenses, if
P310	Immediately call a POISON CENTER or doctor/physician.	present and easy to do. Continue rinsing.
P311	Call a POISON CENTER or doctor/physician.	P306 + P360 IF ON CLOTHING: rinse immediately contaminated
P312	Call a POISON CENTER or doctor/physician if you feel	clothing and skin with plenty of water before
1312	unwell.	removing clothes.
5545		
P313	Get medical advice/attention.	P308 + P311 IF exposed or concerned: Call a POISON CENTER/
P314	Get medical advice/attention if you feel unwell.	doctor.
P315	Get immediate medical advice/attention.	P308 + P313 IF exposed or concerned: Get medical advice/
P320	Specific treatment is urgent (see on this label).	attention
	(Additional first aid instructions to be stated if immediate	P309 + P311 IF exposed or if you feel unwell: Call a POISON
	administration of an antidote is required).	CENTER or doctor/physician
P321	Specific treatment (see on this label).	P335 + P334 Brush off loose particles from skin. Immerse in cool
P322	Specific measures (see on this label). (Additional first	water/wrap in wet bandages.
	aid instructions to be stated.)	P337 + P313 If eye irritation persists: Get medical advice/
P330	Rinse mouth.	attention
P331	Do NOT induce vomiting.	P342 + P311 If experiencing respiratory symptoms: Call a POISON
P332	If skin irritation occurs:	CENTER or doctor/physician
P334	Immerse in cool water/wrap in wet bandages.	P361 + P364 Take off immediately all contaminated clothing and
P335	Brush off loose particles from skin.	wash it before reuse
P336	Thaw frosted parts with lukewarm water. Do no rub	P362 + P364 Take off contaminated clothing and wash it before
	affected area.	reuse.
P337	If eye irritation persists:	P370 + P376 In case of fire: Stop leak if safe to do so
P338		P370 + P378 In case of fire: Use for extinction (manufacturer/
P338	Remove contact lenses, if present and easy to do.	
	Continue rinsing.	supplier to state appropriate medium if water
P340	Remove victim to fresh air and keep at rest in a position	increases danger). 1. Sand
	comfortable for breathing	P370 + P380 In case of fire: Evacuate area
P341	If breathing is difficult, remove victim to fresh air and	P370 + P380 + P375 In case of fire: Evacuate area. Fight fire
1341	keep at rest in a position comfortable.	remotely due to the risk of explosion.
D2.42		
P342	If experiencing respiratory symptoms:	P371 + P380 + P375 In case of major fire and large quantities:
P350	Gently wash with plenty of soap and water.	Evacuate area. Fight fire remotely due to the
P351	Rinse cautiously with water for several minutes.	risk of explosion.
P352	Wash with plenty of soap and water.	
P353	Rinse skin with water/shower.	4 Storage statements
P360	Rinse immediately contaminated clothing and skin with	. storage statements
1 200		D404 C+ / + +
	plenty of water before removing clothes.	P401 Store ( to be stated according to the local/ regional/
P361	Remove/Take off immediately all contaminated clothing.	national/international regulations.)
P362	Take off contaminated clothing and wash before reuse.	P402 Store in a dry place
P363	Wash contaminated clothing before reuse.	P403 Store in a well-ventilated place
P364	And wash it before reuse.	P404 Store in a closed container
P370	In case of fire:	P405 Store locked up
P371	In case of major fire and large quantities:	P406 Store in corrosive resistant container with a resistant
P372	Explosion risk in case of fire	inner liner

P407

P410

P411

Maintain air gap between stacks/pallets

Store at temperatures not exceeding ... °C/...°F

(temperature to be stated by manufacturer/supplier.)

Protect from sunlight

DO NOT fight fire when fire reaches explosives

Fight fire remotely due to the risk of explosion

Fight fire with normal precautions from a reasonable

P373 P374

P375

P413 Sto ter	onot expose to temperatures exceeding 50°C/122°F. ore bulk masses greater than kg/ lbs at mperatures not exceeding °C/°F (amount and mperature to be stated by manufacturer/supplier).	P410 + P4	temperatures exceeding 50°C/122°F.
P420 Sto	ore away from other materials		·
	ore contents under (appropriate liquid or inert gas be stated by manufacturer/supplier.)	5 Dispos	al statements
	Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep container tightly closed.	P501	Dispose of contents/container to ( to be stated according to the local/ regional/national/international regulations.)
	Store in a well-ventilated place. Keep cool. Protect from sunlight. Store in a well-ventilated place.	P502	Refer to manufacturer or supplier for information on recovery or recycling.

## Safety Recommendations (S-Phrases) S-Phrases Safety Recommendations

5 2 Keep out of the reach of children 5 3 Keep in a cool place 5 4 Keep away from living quarters 5 4 Keep way from living quarters 5 5 Keep contents under(appropriate liquid to be specified by the manufacturer) 5 5 Keep under water 6 Keep under perfoleum 5 28 Keep under perfoleum 5 28 Keep under perfoleum 6 Keep under unitrogen 6 Keep under unitrogen 6 Keep under unitrogen 7 Keep under unitrogen 8 Keep under unitrogen 8 Keep under unitrogen 8 Keep container tijnthy closed 8 Keep container tijnthy closed 9 Keep container in a well-ventilated place 9 Keep container in a well-ventilated place 9 Keep container in a well-ventilated place 9 Keep away from food, drink and animal foodstuffs 9 Keep away from food, drink and animal foodstuffs 12 Do not keep the container sealed 13 Keep away from food, drink and animal foodstuffs 14 Keep away from food, drink and animal foodstuffs 15 Keep away from micin compatible materials to be indicated by the manufacturer); 16 Keep away from micin mon bases 16 Keep away from micin and seal compounds 17 Keep away from modifizing and acidic substances as well as heavy metal compounds 18 Keep away from modifizing and acidic substances 18 Keep away from oxidizing and acidic substances 18 Keep away from combustible oxiding agents, and combustible she warding agents, from bases 18 Keep away from oxidizing and acidic substances 18 Keep away from modifizing and acidic substances 18 Keep away from modifizing and acidic substances 18 Keep away from combustible oxiding agents and combustible she paway from oxidizing and acidic substances 18 Keep away from combustible and the province of fire extinguisher, no water 19 Keep away from oxidizing and acidic substances 19 Keep away from combustible oxidinate and the province of fire extinguisher, no water 19 Keep away from combustible ox			6.00	
Seep way from fiving quarters   Seep way from combustible grant and soap was from several grant for seep way from combustible was feep way from combustible was feep away from combustible was feep away from combustible was feep away from combustible waters   Seep away from combustible was feep away from was feet and feet away was was feet away was was feet away was was feet away feet			S 28	
5.4         Keep away from living quarters         5.28.b         Water and soap           5.5         Keep under water         5.8.d         Water and soap ideally with polyethylene glycol 300 and ethanol (2: 1), then plenty of water and soap           5.5.b         Keep under petroleum         5.28.d         Polyethylene glycol 300 and ethanol (2: 1), then plenty of water and soap           5.6.b         Keep under, (nert gas to be specified by the manufacture):         5.28.d         Polyethylene glycol 400           6.6.a         Keep under arigon         5.28.d         Polyethylene glycol 400, then cleanse with plenty of water and acidic soap           5.6.a         Keep under arigon         5.29.d         Do not empty into drains           5.6.b         Keep under indeen in a well-ventilated place         5.30.d         Never add water to this product           5.8. Keep container of by         Keep container in a well-ventilated place         5.35.d         This material and its container sealed           5.1.2         Do not keep the container sealed         5.35.d         Wear suitable protective clothing           5.1.4         Keep away from incompatible materials to be a seawy metal compounds         5.37.d         Wear suitable gloves           5.1.4. Seep away from well compounds         5.39.d         In case of insufficient ventilation wear suitable respiratory equipment           5.1.4. Seep away from medial<				
Seep contents under (appropriate liquid to be specified by the manufacturer)				
specified by the manufacturer)  5 3 As be under water  5 5 b Keep under petroleum  5 6 Keep under. (inert gas to be specified by the manufacturer):  5 6 As Keep under nitrogen  5 6 As Keep under argon  5 7 Keep under argon  5 8 Keep under argon  5 8 Keep under argon  5 8 Keep under argon  5 9 Keep container tightly closed  5 8 Keep container in a well-ventilated place  5 9 Keep container in a well-ventilated place  5 12 Do not keep the container sealed  5 13 Keep away from food, drink and animal foodstuffs  5 14 Keep away from reducing agents, heavy metal compounds, acids and alkalis  5 14 Keep away from water and bases  5 14 Keep away from combustible organic substances  5 15 Keep away from combustible organic substances  5 16 Keep away from combustible agents and combustible material  5 18 Keep away from combustible material  5 19 Keep away from combustible waterial  5 10 Keep away from beat  5 14 Keep away from combustible waterial  5 14 Keep away from beat  5 14 Keep away from combustible waterial  5 15 Keep away from combustible waterial  5 16 Keep away from combustible waterial  5 17 Keep away from combustible waterial  5 18 Keep away from combustible waterial  5 19 Keep away from combustible waterial  5 10 Kee	-			
5.5.b.         Keep under water         water and soap           5.b.         Keep under petroleum         5.28.b.         Polyethylene glycol 400           5.6.b.         Keep under introgen         5.28.b.         Polyethylene glycol 400, then cleanse with plenty of water and acidic soap           5.6.b.         Keep under argon         5.29.b.         Plenty of water and acidic soap           5.7.b.         Keep container tightly closed         5.30.b.         Never add water to this product           5.8.b.         Keep container in a well-ventilated place         5.35.b.         Take precautionary measures against static discharges           5.1.2.b.         Do not keep the container reselled         5.35.b.         Take precautionary measures against static discharges           5.1.3.b.         Keep away from cond, drink and animal foodstuffs         5.36.b.         Wear suitable protective clothing           5.1.4.         Keep away from cond, drink and animal foodstuffs         5.36.b.         Wear suitable protective clothing           5.1.4.         Keep away from celucing agents, heav metal compounds, acids and alkalis         5.39.b.         In case of insufficient ventilation wear suitable respiratory equipment           5.1.4.0.         Keep away from water and bases         5.41.b.         Year suitable protective clothing         Wear suitable protective clothing         Wear suitable protective clothing	S 5			
5 S. Keep under petroleum 5 C. Keep under der distret gas to be specified by the manufacturer): 5 C. Keep under introgen 5 C. Keep under arign 5 C. Keep under arigh under aright by the manufacturer; 5 C. Keep under aright by the manufacturer; 5 C. Keep under aright by the manufacturer; 5 C. Keep under promounds 5 C. Keep under aright by the manufacturer; 5 C. Keep under promounds 5 C. Keep under aright by the manuf			S 28.d	
Seep under.f. (inert gas to be specified by the manufacturer);   Seep under introgen   Seep under introgen   Seep under introgen   Seep under introgen   Seep   Plenty of water and acidic soap   Seep   Plenty of water and acidic soap   Seep   Seep container tightly closed   Seep under introgen   Seep   Seep container tightly closed   Seep under introgen   Seep   Seep container tightly closed   Seep under introgen   Seep   Seep container tightly closed   Seep under in a well-ventilated place   Seep under introgen   Seep   Seep container in a well-ventilated place   Seep   Seep under in a well-ventilated place   Seep under introduction   Seep under in a well-ventilated place   Seep under in the water   Seep under in the water   Seep under in the water   Seep under it in the water   See				
manufacturer :	S 5.b			
5 6.b         Keep under nitrogen         \$ 28.g         Plenty of water and acidic soap           5 7         Keep container tightly closed         \$ 30         Never add water to this product           5 8         Keep container in a well-ventilated place         \$ 33         Take precautionary measures against static discharges           5 9         Keep container in a well-ventilated place         \$ 35         This material and its container must be disposed of in a safe way way           5 12         Do not keep the container sealed indicated by the manufacturer;         \$ 36         Wear suitable glowes           5 14         Keep away from codu, drink and animal foodstuffs indicated by the manufacturer;         \$ 36         \$ 38         In case of insufficient ventilation wear suitable respiratory equipment           5 14.b         Keep away from educing agents, heavy metal compounds, acids and alkalis         \$ 37         Wear suitable glowes           5 14.c         Keep away from oxidizing and acidic substances as well as heavy metal compounds         \$ 40         To clean the floor and all objects contaminated by this material as e (to be specified by the manufacturer;           5 14.c         Keep away from water and bases         \$ 41         In case of fire and/or explosion do not breathe fumes materials to the specified by the manufacturer;           5 14.e         Keep away from combustible organic substances         \$ 42         In case of fire and/or explosion on o	S 6	Keep under (inert gas to be specified by the	S 28.f	Polyethylene glycol 400, then cleanse with plenty of
56.b.         Keep under argon         5.29         Do not empty into drains           57         Keep container tightly closed         5.30         Never add water to this product           58         Keep container in a well-ventilated place         5.35         Take precautionary measures against static discharges           59         Keep container in a well-ventilated place         5.35         This material and its container must be disposed of in a safe way way           512         Do not keep the container sealed         5.35         This material and its container must be disposed of in a safe way way           513         Keep away from food, drink and animal foodstuffs         5.36         Wear suitable protective clothing           514         Keep away from reducing agents, heavy metal compounds, acids and alkalis         5.37         Wear suitable glowes           514.a         Keep away from coldizing and acidic substances as well as heavy metal compounds         5.40         Neep away from coldizing and acidic substances         5.41         To clean the floor and all objects contaminated by this material use (to be specified by the manufacturer; plenty of water)         5.41         In case of fire and/or explosion do not breathe fumes           5.14.1         Keep away from macids         5.42         During fumigation/spraying wear suitable respiratory equipment (appropriate wording to be specified by the manufacturer)         5.43         In case of fire and/or explosio		manufacturer):		water
5.7         Keep container tightly closed         \$ 30         Never add water to this product           5.8         Keep container dry         \$ 33         Take precautionary measures against static discharges           5.9         Keep container in a well-ventilated place         \$ 35         This material and its container must be disposed of in a safe way way           5.12         Do not keep the container sealed in compounds for indicated by the manufacturery:         \$ 36         Wear suitable protective clothing           5.14.a         Keep away from reducing agents, heavy metal compounds, acids and alkalis         \$ 37         Wear suitable glowes insufficient ventilation wear suitable respiratory equipment           5.14.b         Keep away from reducing agents, heavy metal compounds         \$ 40         To clean the floor and all objects contaminated by this material use (to be specified by the manufacturer; plenty of water)           5.14.c         Keep away from morn         \$ 40         To clean the floor and all objects contaminated by this material use (to be specified by the manufacturer; plenty of water)           5.14.c         Keep away from bases         \$ 41         In case of fire and/or explosion do not breathe fumes           5.14.f         Keep away from bases         \$ 24         During fumigation/spraying wear suitable respiratory equipment (appropriate wording to be specified by the manufacturer)           5.14.j         Keep away from combustible organic substances	S 6.a	Keep under nitrogen	S 28.g	Plenty of water and acidic soap
5 8         Keep container dry         \$ 33         Take precautionary measures against static discharges           5 9         Keep container in a well-ventilated place         \$ 35         This material and its container must be disposed of in a safe way way           5 12         Do not keep the container sealed         \$ 36         Wear suitable protective clothing           5 13         Keep away from food, drink and animal foodstuffs indicated by the manufacturer):         \$ 36         Wear suitable protective clothing           5 14. Evep away from condicated by the manufacturer):         \$ 38         In case of insufficient ventilation wear suitable respiratory equipment           5 14. Evep away from oxidizing and acidic substances as well as heavy metal compounds, acids and alkalis         \$ 39         Wear eyelface protection           5 14. Evep away from oxidizing and acidic substances as well as heavy metal compounds         \$ 40         To clean the floor and all objects contaminated by this materials           5 14. Evep away from water and bases         \$ 41         In case of fire and/or explosion do not breathe fumes           5 14. Evep away from bases         \$ 42         During furnigation/spraying wear suitable respiratory equipment (appropriate wording to be specified by the manufacturer)           5 14. Evep away from oxidizing and acidic substances         \$ 43         In case of fire use (indicate the precise type of firefighting equipment. If water increases the risk, add           5 14. Ke	S 6.b		S 29	Do not empty into drains
5 9         Keep container in a well-ventilated place         5 35         This material and its container must be disposed of in a safe way way           5 12         Do not keep the container sealed         safe way way           5 13         Keep away from food, drink and animal foodstuffs         5 36         Wear suitable protective clothing           5 14.         Keep away from (incompatible materials to be incided by the manufacturer):         5 38         In case of insufficient ventilation wear suitable respiratory equipment           5 14.a         Keep away from oxidizing and acidic substances as well as heavy metal compounds, acids and alkalis         5 39         Wear eyelface protection           5 14.b         Keep away from iron         \$ 40         To clean the floor and all objects contaminated by this material use (to be specified by the manufacturer;           5 14.c         Keep away from water and bases         \$ 41         In case of fire and/or explosion do not breathe fumes           5 14.e         Keep away from bases         \$ 41         In case of fire use (indicate the precise type of fire-flighting equipment. If water increases the fisk, add           5 14.f         Keep away from combustible organic substances         \$ 43         Water           5 14.j         Keep away from combustible substances         \$ 43.b         Water           5 14.b         Keep away from combustible material         \$ 43.c	S 7	Keep container tightly closed	S 30	
Safe way way  Wear suitable protective clothing  Wear suitable gloves  In case of insufficient ventilation wear suitable respiratory equipment compounds, acids and alkalis  Safe way from reducing agents, heavy metal compounds, acids and alkalis  Safe way from coxidizing and acidic substances as well as heavy metal compounds  Safe way from coxidizing and acidic substances as well as heavy metal compounds  Safe way from coxidizing and acidic substances as well as heavy metal compounds  Safe way from compounds  In case of insufficient ventilation wear suitable respiratory equipment  To clean the floor and all objects contaminated by this material use (to be specified by the manufacturer; plenty of water)  Safe way from compounds  Safe way way  Wear suitable protective clothing  Wear suitable protective clothing  Wear suitable gloves  In case of insufficient ventilation wear suitable respiratory equipment  To clean the floor and all objects contaminated by this materials  Safe way way  Wear eye/face protection  To clean the floor and all objects contaminated by this materials (to be specified by the manufacturer; plenty of water)  Safe way from exploration and acidic substances say leave the floor and all objects contaminated by this materials (to be specified by the manufacturer)  Safe way from manufacturer)  Safe way from exploration and acidic substances say leave the group of water)  Safe way from oxidizing and acidic substances  Safe way way  Water or powder fire extinguisher or water  Safe way from combustible or protection  Safe way way  Water or powder fire extinguisher  For powder fire extinguisher no water  Safe way from owater  Safe way way  Water or powder fire extinguisher, no water  Safe way way  Safe way way  Water or powder fire extinguisher, no water  Safe way way  Safe way way  Safe way way  Safe way way  Water or powder fire extinguisher, no water  Safe way from owater and bases  Safe way way  Safe way way  Water or	S 8	Keep container dry	S 33	Take precautionary measures against static discharges
5 13       Keep away from food, drink and animal foodstuffs       \$ 36       Wear suitable protective clothing         5 14       Keep away from (incompatible materials to be indicated by the manufacturer):       \$ 37       Wear suitable gloves insufficient ventilation wear suitable respiratory equipment         5 14.a       Keep away from reducing agents, heavy metal compounds, acids and alkalis       \$ 39       Wear eye/face protection         5 14.b       Keep away from oxidizing and acidic substances as well as heavy metal compounds       \$ 40       To clean the floor and all objects contaminated by this material use (to be specified by the manufacturer; plenty of water)         5 14.c       Keep away from water and bases       \$ 41       In case of fire and/or explosion do not breathe fumes         5 14.d       Keep away from bases       \$ 42       During fumigation/spraying wear suitable respiratory equipment.         5 14.j       Keep away from bases       \$ 42       During fumigation/spraying wear suitable respiratory equipment water)         5 14.j       Keep away from bases       \$ 42       During fumigation/spraying wear suitable respiratory equipment water)         5 14.j       Keep away from bases       \$ 42       During fumigation/spraying wear suitable respiratory equipment water)         5 14.j       Keep away from bases       \$ 42       With water increases the fumes         5 14.j       Keep away from combustible organic subst	S 9	Keep container in a well-ventilated place	S 35	This material and its container must be disposed of in a
S 14. Keep away from medicing agents, heavy metal compounds, acids and alkalis as heavy metal compounds acids compounds acids compounds as heavy metal compounds and pounds in the floor and all objects contaminated by this manufacturer, pelicity of water)  14. Keep away from matels as heavy from acids as heavy from manufacturer, plenty of water)  15. Keep away from combustible organic substances as fire and fire and/or explosion do not breathe from combustible organic substances and compounds and pounds fire extinguisher, no water and base as heavy from sources of ignition - No smoki	S 12	Do not keep the container sealed		safe way way
indicated by the manufacturer): Keep away from reducing agents, heavy metal compounds, acids and alkalis  5 14.b Keep away from oxidizing and acidic substances as well as heavy metal compounds  5 14.c Keep away from iron  5 14.d Keep away from water and bases  5 14.e Keep away from water and bases  5 14.e Keep away from bases  5 14.f Keep away from bases  5 14.f Keep away from bases  5 14.f Keep away from oxidizing and acidic substances  5 14.f Keep away from bases  5 14.f Keep away from bases  5 14.f Keep away from bases  5 14.f Keep away from oxidizing and acidic substances  5 14.j Keep away from oxidizing and acidic substances  5 2 3.d Water oxidizing and acidi	S 13	Keep away from food, drink and animal foodstuffs	S 36	Wear suitable protective clothing
Seep away from reducing agents, heavy metal compounds, acids and alkalis   Say   Wear eye/face protection	S 14	Keep away from (incompatible materials to be	S 37	Wear suitable gloves
Seep away from reducing agents, heavy metal compounds, acids and alkalis   Say   Wear eye/face protection		indicated by the manufacturer):	S 38	In case of insufficient ventilation wear suitable respiratory
S 14.b Keep away from oxidizing and acidic substances as well as heavy metal compounds  S 14.c Keep away from iron  S 14.d Keep away from acids S 14.e Keep away from acids S 14.e Keep away from bases S 24. In case of fire and/or explosion do not breathe fumes S 14.g Keep away from metals S 14.h Keep away from condustible organic substances S 14.j Keep away from combustible substances S 14.j Keep away from combustible organic substances S 14.j Keep away from combustible substances S 14.j Keep away from combustible organic substances S 14.j Keep away from combustible substances S 14.j Keep away from combustible organic substances S 15.j Keep away from combustible organic substances S 18.j Keep away from combustible substances S 18.j Keep away from combustible organic substances S 18.j Keep away from combustible organi	S 14.a	Keep away from reducing agents, heavy metal		equipment
as heavy metal compounds  14.c Keep away from iron  14.d Keep away from water and bases  14.e Keep away from acids  14.f Keep away from metals  14.f Keep away from oxidizing and acidic substances  14.i Keep away from combustible organic substances  14.i Keep away from combustible substances  15.d Keep away from combustible substances  16. Keep away from sources of ignition - No smoking  17. Keep away from sources of ignition - No smoking  18. Handle and open container with care  19. When using do not eat or drink  19. When using do not eat or drink  19. When using do not breathe dust  19. On not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer):  19. Avoid contact with eyes  19. Avoid contact with ey		compounds, acids and alkalis	S 39	Wear eye/face protection
\$ 14.c Keep away from iron \$ 14.d Keep away from water and bases \$ 14.e Keep away from water and bases \$ 14.e Keep away from water and bases \$ 14.e Keep away from bases \$ 14.f Keep away from bases \$ 14.f Keep away from bases \$ 14.f Keep away from oxidizing and acidic substances \$ 14.h Keep away from combustible organic substances \$ 14.i Keep away from combustible organic substances \$ 14.i Keep away from combustible organic substances \$ 14.i Keep away from combustible organic substances \$ 14.k Keep away from combustible substances \$ 14.k Keep away from combustible substances \$ 15.f Keep away from combustible substances \$ 16. Keep away from sources of ignition - No smoking \$ 17. Keep away from combustible material \$ 18. Handle and open container with care \$ 20. When using do not eat or drink \$ 243.c When using do not smoke \$ 21. When using do not smoke \$ 22. Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): \$ 23.a Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): \$ 23.c Do not breathe aerosol \$ 23.d Do not breathe serosol \$ 23.d Do not breathe serosol \$ 23.d Do not breathe serosol \$ 23.d Do not breathe wapour \$ 24. Avoid contact with eyes \$ 25. Avoid contact with eyes \$ 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice \$ 50.0 With plenty of water and seek medical advice \$ 50.0 With plenty of water and seek medical advice \$ 50.0 With plenty of water and seek medical advice \$ 50.0 With plenty of water and seek medical advice \$ 50.0 With plenty of water and seek medical advice \$ 50.0 With plenty of water and seek medical advice \$ 50.0 Do not mix with (to be specified by the manufacturer): \$ 50.0 Do not mix with (to be specified by the manufacturer): \$ 50.0 Do not mix with (to be specified by the manufacturer): \$ 50.0 Do not mix with (to be specified by the manufacturer): \$ 50.0 Do not mix with (to be specified by the manufacturer): \$ 50.0 Do not mix with	S 14.b	Keep away from oxidizing and acidic substances as well	S 40	To clean the floor and all objects contaminated by this
S 14.d Keep away from water and bases S 14.e Keep away from acids S 14.e Keep away from acids S 14.e Keep away from bases S 14.f Keep away from bases S 14.g Keep away from metals S 14.h Keep away from combustible or materials S 14.k Keep away from or mombustible or materials S 14.k Keep away from combustible substances S 15.f Keep away from combustible substances S 15.f Keep away from combustible substances S 16. Keep away from sources of ignition - No smoking S 17. Keep away from combustible material S 18. Handle and open container with care S 18. Handle and open container with care S 19. When using do not eat or drink S 19. When using do not smoke S 20. When using do not smoke S 21. Do not breathe dust D on ot breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe wapour S 23.c Do not breathe smoke S 23.c Do not breathe smoke S 23.d Do not breathe wapour/aerosol S 23.d Avoid contact with skin S 24. Avoid contact with skin S 25. Avoid contact with eyes S 26. In case of fire and/or explosion do not breathe fumes S 24. During fumigation/spraying wear suitable respiratory equipment (appropriate wording to be specified by the manufacturer) S 24. Avoid contact with eyes S 26. In case of fire use (indicate the precise type of fire-fighting equipment. If water increases the risk, add "Never use water") S 24. Water S 24. Water S 24. Water S 24. Water S 24. Value or powder fire extinguisher, no water S 24. Sand, no water S 25. Sand, no water S 26. If swallowed, seek medical advice immediately and show this container or label S 27. Keep are temperature not exceeding °C; (to be specified by the manufacturer) S 26. Weep only in the original container S 27. Keep are with; appropriate material to be specified by the manufacturer: water S 27. Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice S 26. In case of fornater with eyes, rinse immediately S 27. Avoid contact with eyes, rinse immediately S		as heavy metal compounds		material use (to be specified by the manufacturer;
S 14.e Keep away from acids S 14.f Keep away from bases S 14.g Keep away from metals S 14.h Keep away from metals S 14.i Keep away from combustible organic substances S 14.i Keep away from acids, reducing agents and combustible materials S 14.k Keep away from combustible substances S 14.k Keep away from combustible substances S 15. Keep away from combustible substances S 16. Keep away from sources of ignition - No smoking S 17. Keep away from combustible material S 18. Handle and open container with care S 18. Handle and open container with care S 19. When using do not eat or drink S 20. When using do not smoke S 21. When using do not smoke S 22. Do not breathe dust S 23. Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23. Do not breathe aground S 23. Do not breathe vapour S 23. Do not breathe vapour S 23. Avoid contact with skin S 24. Avoid contact with eyes S 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 20. With plenty of water and seek medical advice S 20. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 20. Do not mix with (to be specified by the manufacturer): S 20. Do not mix with (to be specified by the manufacturer): S 20. Do not mix with (to be specified by the manufacturer): S 20. Do not mix with (to be specified by the manufacturer): S 21. Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice S 25. Do Bases	S 14.c	Keep away from iron		plenty of water)
S 14.e Keep away from acids S 14.f Keep away from bases S 14.g Keep away from metals S 14.i Keep away from oxidizing and acidic substances S 14.i Keep away from combustible organic substances S 14.k Keep away from combustible substances S 14.k Keep away from combustible substances S 15 Keep away from sources of ignition - No smoking S 16 Keep away from sources of ignition - No smoking S 17 Keep away from combustible material S 18 Handle and open container with care S 18 Handle and open container with care S 19 When using do not eat or drink S 20 When using do not smoke S 21 When using do not smoke S 22 Do not breathe dust S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.d Do not breathe vapour S 23.d Do not breathe vapour/aerosol S 23.d Do not breathe vapour/aerosol S 23.d North organic substances S 24 Avoid contact with skin S 25 Avoid contact with eyes S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 27. S 28. Bases	S 14.d	Keep away from water and bases	S 41	In case of fire and/or explosion do not breathe fumes
S 14.9 Keep away from metals S 14.1 Keep away from coxidizing and acidic substances S 14.1 Keep away from combustible organic substances S 14.2 Keep away from combustible organic substances S 14.3 Keep away from combustible organic substances S 14.4 Keep away from combustible substances S 14.5 Keep away from combustible substances S 15 Keep away from combustible substances S 15 Keep away from sources of ignition - No smoking S 17 Keep away from combustible material S 18 Handle and open container with care S 20 When using do not smoke S 21 When using do not smoke S 22 Do not breathe dust S 22 Do not breathe dust S 23.a Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe aerosol S 23.c Do not breathe sarosol S 23.d Do not breathe smoke S 23.d Do not breathe smoke S 23.d Avoid contact with skin S 24 Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice with plenty of water and seek medical advice S 25.b Bases S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 25.b Bases S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 25.b Bases	S 14.e	Keep away from acids	S 42	During fumigation/spraying wear suitable respiratory
S 14.h Keep away from oxidizing and acidic substances S 14.i Keep away from combustible organic substances S 14.i Keep away from acids, reducing agents and combustible materials S 14.k Keep away from combustible substances S 14.k Keep away from combustible substances S 15 Keep away from combustible substances S 16 Keep away from sources of ignition - No smoking S 17 Keep away from sources of ignition - No smoking S 18 Handle and open container with care S 20 When using do not eat or drink S 21 When using do not smoke S 22 Do not breathe dust S 22 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe arosol S 23.c Do not breathe smoke S 23.c Do not breathe smoke S 23.e Do not breathe wapour S 23.e Do not breathe wapour S 23.e Avoid contact with skin S 24 Avoid contact with skin S 25 Avoid contact with syes S 26 In case of contact with eyes S 27 No not manufacturer S 29 No not breathe vapour/aerosol S 29 No not breathe vapour/aerosol S 20 No not breathe wapour/aerosol S 21 No not breathe wapour/aerosol S 22 No not breathe wapour/aerosol S 23 No not breathe wapour/aerosol S 24 Avoid contact with skin S 25 No not manufacturer water S 26 In case of contact with eyes S 27 No not breathe wapour/aerosol S 28 No not breathe wapour/aerosol S 29 No not breathe wapour/aerosol S 20 No not breathe wapour/aerosol S 21 No not breathe wapour/aerosol S 22 No not breathe wapour/aerosol S 23 No not breathe wapour/aerosol S 26 No not breathe wapour/aerosol S 27 No not breathe wapour/aerosol S 28 No not breathe wapour/aerosol S 29	S 14.f	Keep away from bases		equipment (appropriate wording to be specified by the
S 14.i Keep away from combustible organic substances S 14.j Keep away from acids, reducing agents and combustible materials S 14.k Keep away from combustible substances S 14.k Keep away from combustible substances S 15. Keep away from sources of ignition - No smoking S 16. Keep away from sources of ignition - No smoking S 17. Keep away from combustible material S 18. Handle and open container with care S 20. When using do not eat or drink S 21. When using do not smoke S 21. When using do not smoke S 22. Do not breathe dust S 22. Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe arosol S 23.c Do not breathe arosol S 23.c Do not breathe serosol S 23.e Do not breathe vapour S 24. Avoid contact with skin S 25. Avoid contact with syes S 26. In case of contact with eyes S 27. Avoid contact with syes S 28. Avoid contact with eyes S 29. In case of contact with eyes S 29. Avoid contact with eyes S 20. No not breathe vapour/aerosol S 21. Avoid contact with eyes S 22. Avoid contact with eyes S 23. Bush of the arosol S 24. Avoid contact with eyes S 25. In case of contact with eyes S 26. In case of contact with eyes, rinse immediately S 27. Avoid contact with eyes S 28. Bases	S 14.g	Keep away from metals		manufacturer)
S 14.j Keep away from acids, reducing agents and combustible materials  S 14.k Keep away from combustible substances  S 14.k Keep away from combustible substances  S 15 Keep away from heat  S 16 Keep away from sources of ignition - No smoking  S 17 Keep away from combustible material  S 18 Handle and open container with care  S 20 When using do not eat or drink  S 21 When using do not smoke  S 21 When using do not smoke  S 22 Do not breathe dust  S 23 Do not breathe gas  S 23.a Do not breathe agas  S 23.b Do not breathe aerosol  S 23.c Do not breathe aerosol  S 23.c Do not breathe smoke  S 23.e Do not breathe smoke  S 24 Avoid contact with skin  S 25 Avoid contact with eyes  S 26 In case of contact with eyes  S 27 Keep away from combustible material  S 28 Water or powder fire extinguisher, no water  S 43.b Carbon dioxide, no water  S 43.d Carbon dioxide, no water  S 43.d Sand, no water  S 43.f Sand, no water  S 43.f Carbon dioxide and powder fire extinguisher, no water  In case of accident or if you feel unwell seek medical advice immediately show the label where possible)  If swallowed, seek medical advice immediately and show this container or label  S 47 Keep at temperature not exceeding °C; (to be specified by the manufacturer: water  S 48 Keep we with; appropriate material to be specified by the manufacturer: water  S 49 Keep only in the original container  D 0 not mix with (to be specified by the manufacturer):  S 50 Do not mix with (to be specified by the manufacturer):	S 14.h		S 43	In case of fire use (indicate the precise type of fire-
materials  S 14.k Keep away from combustible substances  S 15 Keep away from heat  S 16 Keep away from sources of ignition - No smoking  S 17 Keep away from combustible material  S 18 Handle and open container with care  S 20 When using do not eat or drink  S 21 When using do not smoke  S 22 Do not breathe dust  S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer):  S 23.a Do not breathe yapour  S 23.b Do not breathe serosol  S 23.c Do not breathe serosol  S 23.d Do not breathe serosol  S 24 Avoid contact with skin  S 25 Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice  S 25 Water or powder fire extinguisher, no water  S 43.d Carbon dioxide, no water  S 43.d Sand, no water  S 43.e Halons, no water  S 44.e Halons, no water  S 43.e Lands, no water  S 44.e Lands, no water  S 45.e Halons, no water  S 43.e Lands, no wate	S 14.i	Keep away from combustible organic substances		fighting equipment. If water increases the risk, add
S 14.k Keep away from combustible substances S 15 Keep away from heat S 16 Keep away from sources of ignition - No smoking S 17 Keep away from combustible material S 18 Handle and open container with care S 20 When using do not eat or drink S 21 When using do not smoke S 21 When using do not smoke S 22 Do not breathe dust S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe arosol S 23.c Do not breathe serosol S 23.c Do not breathe serosol S 23.c Do not breathe serosol S 23.e Do not breathe wapour S 23.e Do not breathe wapour/aerosol S 24 Avoid contact with eyes S 25 Avoid contact with eyes S 26 In case of contact with eyes S 27 No not breathe vapour/aerosol S 28 No not breathe vapour/aerosol S No not breathe vapour/aerosol	S 14.j	Keep away from acids, reducing agents and combustible		"Never use water")
S 15 Keep away from heat S 16 Keep away from sources of ignition - No smoking S 17 Keep away from combustible material S 18 Handle and open container with care S 20 When using do not eat or drink S 21 When using do not smoke S 21 When using do not smoke S 22 Do not breathe dust S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe arosol S 23.c Do not breathe arosol S 23.c Do not breathe serosol S 23.e Do not breathe serosol S 23.e Do not breathe wapour S 23.e Do not breathe wapour/aerosol S 24 Avoid contact with eyes S 25 Avoid contact with eyes S 26 In case of contact with eyes S 27 Keep at temperature not exceeding °C; (to be specified by the manufacturer): S 48 Keep wet with; appropriate material to be specified by the manufacturer: S 49 Keep only in the original container S 50 Do not mix with (to be specified by the manufacturer): S 50 Acids S 50.b Bases		materials	S 43.a	Water
S 16 Keep away from sources of ignition - No smoking S 17 Keep away from combustible material S 18 Handle and open container with care S 20 When using do not eat or drink S 21 When using do not smoke S 21 When using do not smoke S 22 Do not breathe dust S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe aerosol S 23.c Do not breathe serosol S 23.c Do not breathe serosol S 23.e Do not breathe smoke S 24 Avoid contact with skin S 25 Avoid contact with eyes S 26 In case of accident or if you feel unwell seek medical advice immediately show the label where possible) When using do not smoke S 43.h Carbon dioxide, no water S 43.e Halons, no water S 43.e Halons, no water S 43.f Sand, no water S 44.f Sand, no water S 43.f Sand, no water S 43.f Sand, no water S 44.f Sand, no water S 44.f Sand, no water S 43.f Sand, no water S 44.f Sand, no water S 44.f Sand, no water S 45.f Metalons, no water S 44.f Sand, no water S 45.f Metalons, no water S 44.f Sand, no water S 45.f Metalons, no water S 44.f Sand, no water S 45.f Metalons, no water S 45.f Metalons, no water S 44.f Sand, no water S 45.f Metalons, no water S 45.f Metalons, no water S 44.f Sand, no water S 45.f Metalons, no water S 45.f Metalons, no water S 44.f Sand, no water S 45.f Metalons, no water S 45.f Metalons, no water S 45.f Metalons, no water S 48.f Mallons, no water S 49.f Metalous, no water S 49.f Metalo	S 14.k	Keep away from combustible substances	S 43.b	Water or powder fire extinguisher
S 17 Keep away from combustible material S 18 Handle and open container with care S 20 When using do not eat or drink S 18 When using do not smoke S 21 When using do not smoke S 22 Do not breathe dust S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23 Do not breathe gas S 23.b Do not breathe aerosol S 23.c Do not breathe aerosol S 23.d Do not breathe aerosol S 23.d Do not breathe wapour S 23.d Do not breathe wapour S 23.d Do not breathe wapour S 23.d Do not breathe smoke S 24 Avoid contact with skin S 25 Avoid contact with syes S 26 In case of contact with eyes S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 24.s Afsign S 24.s Reep we with; appropriate material to be specified by the manufacturer: S 26 Acids S 27 Keep and the manufacturer water S 27 Keep only in the original container S 28 Acids S 29 Acids S 29 Bases	S 15	Keep away from heat	S 43.c	Powder fire extinguisher, no water
S 18 Handle and open container with care S 20 When using do not eat or drink S 21 When using do not smoke S 22 Do not breathe dust S 23 Do not breathe gas S 23.a Do not breathe gas S 23.b Do not breathe agas S 23.b Do not breathe agas S 23.c Do not breathe aerosol S 23.b Do not breathe aerosol S 23.c Do not breathe smoke S 24 Avoid contact with skin S 24 Avoid contact with skin S 25 Do not breathe vapour/aerosol S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 25.b Bases	S 16	Keep away from sources of ignition - No smoking		Carbon dioxide, no water
When using do not eat or drink  S 43.g  When using do not smoke  S 43.h  Carbon dioxide and powder fire extinguisher, no water  S 22  Do not breathe dust  S 23  Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer):  S 23.a  Do not breathe gas  S 23.b  Do not breathe apour  S 23.c  Do not breathe aerosol  S 23.c  Do not breathe serosol  S 23.e  Do not breathe smoke  S 23.e  Do not breathe vapour/aerosol  S 23.e  Do not breathe vapour/aerosol  S 24  Avoid contact with skin  S 25  Avoid contact with eyes  S 26  In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)  In case of accident or if you feel unwell seek medical advice immediately and show this container or label  S 46  If swallowed, seek medical advice immediately and show this container or label  S 47  Keep at temperature not exceeding °C; (to be specified by the manufacturer)  S 48  Keep wet with; appropriate material to be specified by the manufacturer: water  S 24  Avoid contact with skin  S 49  Keep only in the original container  Do not mix with (to be specified by the manufacturer):  S 50  Do not mix with (to be specified by the manufacturer):  S 50.b  B Bases	S 17	Keep away from combustible material		
S 21 When using do not smoke S 23. Do not breathe dust S 25 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 26 Do not breathe gas S 27 Do not breathe gas S 28 Do not breathe gas S 29 Do not breathe gas S 29 Do not breathe gas S 20 Do not breathe gas S 21 Experimental to be specified by the manufacturer): S 20 Do not breathe aerosol S 21 Experimental to be specified by the manufacturer or label S 22 Experimental to be specified by the manufacturer or label S 29 Do not breathe aerosol S 20 Do not breathe smoke S 20 Do not breathe smoke S 21 Experimental to be specified by the manufacturer or label S 22 Experimental to be specified by the manufacturer or label S 23 Experimental to be specified by the manufacturer or label S 24 Avoid contact with skin S 24 Experimental to be specified by the manufacturer or label S 25 Experimental to be specified by the manufacturer or label S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26 Bases	S 18		S 43.f	
S 22 Do not breathe dust S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 23.a Do not breathe gas S 23.b Do not breathe gas S 23.b Do not breathe yapour S 24. Keep at temperature not exceeding °C; (to be specified by the manufacturer) S 23.c Do not breathe aerosol S 23.d Do not breathe smoke S 23.e Do not breathe vapour/aerosol S 23.e Do not breathe vapour/aerosol S 24. Avoid contact with skin S 25. Avoid contact with eyes S 25. Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice immediately advice immediately advice immediately (show the label unwell seek medical advice immediately advice immediately advice immediately (show the label unwell seek medical advice immediately advice immediately advice immediately y s 50.a Acids In case of accident or if you feel unwell seek medical advice immediately of sadvice immediately of sadvice immediately advice immediately of sadvice immediately of sadvice immediately if swallowed, seek medical advice immediately of swallowed, seek medical advice immediately of sadvice immediately of sadvice immediately of sadvice immediately of sadvice immediately of swallowed, seek medical advice immediately of swallowed, seek medical advice immediately of swallowed, seek medical advice immediately advice immedia	S 20	When using do not eat or drink	S 43.g	Metal fire powder, no water
S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer): S 24 If swallowed, seek medical advice immediately and show this container or label Do not breathe gas S 23.b Do not breathe vapour S 24. Consider the smoke S 23.d Do not breathe smoke S 23.d Do not breathe smoke S 23.e Do not breathe vapour/aerosol S 23.e Do not breathe vapour/aerosol S 24. Avoid contact with skin S 25. Avoid contact with eyes S 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 26. Bases S 27. Is advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label where possible) If swallowed, seek medical advice immediately (show the label value in swallowed) If swallowed, seek medical advice immediately (show the label value) If swallowed, seek medical advice immediately (show the label value) If swallowed, seek medical advice immediately (show the label value) If swallowed, seek medical advice immediately (show the label value) If swallowed, seek medical advice immediately it swallowed, seek medical advice immediately it swallowed.	S 21	When using do not smoke	S 43.h	Carbon dioxide and powder fire extinguisher, no water
wording to be specified by the manufacturer):  S 23.a Do not breathe gas  S 23.b Do not breathe vapour  S 24. Keep at temperature not exceeding °C; (to be specified by the manufacturer)  S 23.c Do not breathe smoke  S 23.e Do not breathe vapour/aerosol  S 24. Avoid contact with skin  S 25. Avoid contact with eyes  S 26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  S 26. If swallowed, seek medical advice immediately s 50. Bases  If swallowed, seek medical advice immediately s 540. If swallowed, seek medical advice immediately s 50. Bases	S 22	Do not breathe dust	S 45	
S 23.a Do not breathe gas this container or label S 23.b Do not breathe vapour S 47 Keep at temperature not exceeding °C; (to be specified by the manufacturer) S 23.c Do not breathe smoke S 48 Keep wet with; appropriate material to be specified by the manufacturer: water S 24 Avoid contact with skin S 49 Keep only in the original container S 25 Avoid contact with eyes S 50 Do not mix with (to be specified by the manufacturer): S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases	S 23	Do not breathe gas/fumes/vapour/spray (appropriate		advice immediately (show the label where possible)
S 23.b Do not breathe vapour S 27 Keep at temperature not exceeding °C; (to be specified by the manufacturer) S 23.c Do not breathe aerosol by the manufacturer) S 23.b Do not breathe smoke S 48 Keep wet with; appropriate material to be specified by the manufacturer: water S 24 Avoid contact with skin S 49 Keep only in the original container S 25 Avoid contact with eyes S 50 Do not mix with (to be specified by the manufacturer): S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases		wording to be specified by the manufacturer):	S 46	If swallowed, seek medical advice immediately and show
S 23.c Do not breathe aerosol by the manufacturer) S 23.d Do not breathe smoke S 48 Keep wet with; appropriate material to be specified by the manufacturer: water S 24 Avoid contact with skin S 49 Keep only in the original container S 25 Avoid contact with eyes S 50 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases	S 23.a	Do not breathe gas		this container or label
S 23.d Do not breathe smoke S 48 Keep wet with; appropriate material to be specified by the manufacturer: water S 24 Avoid contact with skin S 49 Keep only in the original container S 25 Avoid contact with eyes S 50 Do not mix with (to be specified by the manufacturer): S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases	S 23.b	Do not breathe vapour	S 47	Keep at temperature not exceeding °C; (to be specified
S 23.e Do not breathe vapour/aerosol the manufacturer: water S 24 Avoid contact with skin S 49 Keep only in the original container S 25 Avoid contact with eyes S 50 Do not mix with (to be specified by the manufacturer): S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases	S 23.c	Do not breathe aerosol		by the manufacturer)
S 24 Avoid contact with skin S 49 Keep only in the original container S 25 Avoid contact with eyes S 50 Do not mix with (to be specified by the manufacturer): S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases	S 23.d	Do not breathe smoke	S 48	Keep wet with; appropriate material to be specified by
S 25 Avoid contact with eyes S 50 Do not mix with (to be specified by the manufacturer): S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 50.b Bases	S 23.e	Do not breathe vapour/aerosol		the manufacturer: water
S 26 In case of contact with eyes, rinse immediately S 50.a Acids with plenty of water and seek medical advice S 50.b Bases				
with plenty of water and seek medical advice S 50.b Bases				
	S 26			
S 27 Take off immediately all contaminated clothing			S 50.b	Bases
	S 27	Take off immediately all contaminated clothing		



S 50.c	Strong acids, strong bases, non-ferrous metals and their salts	S 60	This material and its container must be disposed of as hazardous waste
S 51	Use only in well-ventilated areas	S 61	Avoid release to the environment. Refer to special
S 52	Not recommended for interior use on large surface areas		instructions/safety data sheet
S 53	Avoid exposure - obtain special instructions before use	S 62	If swallowed, do not induce vomiting: seek medical
S 56	Dispose of this material and its container at hazardous		advice immediately and show this container or label
	or special waste collection point		where possible
S 57	Use appropriate containment to avoid environmental	S 63	In case of accident by inhalation: remove casualty to
	contamination		fresh air and keep at rest
S 59	Refer to manufacturer/supplier for information on	S 64	If swallowed, rinse mouth with water (only if the person
	recovery/recycling		is conscious)

## **Combinations of S-Phrases S-Phrases Safety Recommendations**

S1/2 S 3/7 S 3/9/14	Keep locked up and out of the reach of children Keep container tightly closed in a cool place Keep in a cool, well-ventilated place away from (incompatible materials to be indicated by the manufacturer):	S 20/21 S 24/25 S 27/28	When using do not eat, drink or smoke Avoid contact with skin and eyes After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of (to be specified by the manufacturer)
S 3/9/14.a	Keep in a cool, well-ventilated place away from reducing agents, heavy metal compounds, acids and alkalis	S 29/35 S 29/56	Do not empty into drains; dispose of this material and its container in a safe way Do not empty into drains, dispose of this material
S 3/9/14/49	Keep only in the original container in a cool, well-ventilated place away from (incompatible	3 23/30	and its container at hazardous or special waste collection point
5 3/9/49	materials to be indicated by the manufacturer) Keep only in the original container in a cool, well-	S 36/37	Wear suitable protective clothing and gloves when working
3 3/3/43	ventilated place	S 36/37/39	Wear suitable protective clothing, gloves and eye/
S 3/14	Keep in a cool place away from (incompatible		face protection when working
	materials to be indicated by the manufacturer)	S 36/39	Wear suitable protective clothing and eye/face
S 7/8	Keep container tightly closed and dry		protection when working
S 7/9	Keep container tightly closed and in a well- ventilated place	S 37/39	Wear suitable gloves and eye/face protection when working
S 7/47	Keep container tightly closed and at temperature not exceeding °C (to be specified by the manufacturer)	S 47/49	Keep only in the original container at temperature not exceeding °C (to be specified by the manufacturer)