Safety Data Sheet
according to WHS Regulations

Printing date 07.11.2026 Version number 11 Revision: 07.11.2026

* 1 Identification

· **Product identifier**

· **Trade name: ClipK4**

· **Article number:** 2197
· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture**
Drycleaning detergent for dry cleaning machinery in SYSTEMK4

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
· **Manufacturer**
Chemische Fabrik Kreussler & Co. GmbH
Rheingaustraße 87-93, D-65203 Wiesbaden
Tel. +49 (0) 611 9271-0
· **Supplier**
Spencer Systems
2/142 Riverstone Parade
Riverstone NSW 2765
Australia

· **Further information obtainable from:**
Spencer Systems
Daniel Hays
2/142 Riverstone Pde
Riverstone, NSW, 2765
Australia
· **Emergency telephone number:**
+61 (0) 2 9679 1244 (9am – 5pm AEDT)
Poisons information centre – 13 11 26 from anywhere in Australia

* 2 Hazard(s) Identification

· **Classification of the substance or mixture**

Skin Irrit. 2	H315 Causes skin irritation.
Eye Dam. 1	H318 Causes serious eye damage.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

· **Label elements**
· **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
· **Hazard pictograms**



GHS05

· **Signal word** Danger
· **Hazard statements**
Causes skin irritation.
Causes serious eye damage.
Harmful to aquatic life with long lasting effects.
· **Precautionary statements**
Avoid release to the environment.
Wear protective gloves / eye protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

(Contd. on page 2)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 1)

· **Other hazards**
The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

* 3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

	perfumes Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319; Skin Sens. 1, H317; Flam. Liq. 4, H227	≤1%
69011-36-5	Alcohols, C13 branched, ethoxylated Eye Dam. 1, H318; Aquatic Chronic 3, H412	15-30%
68131-39-5	Alcohols, C12-15, ethoxylated Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	5-15%
120313-48-6	alcohols C12 – C15 ethoxylated, propoxylated Aquatic Acute 1, H400; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	5-15%
112-34-5	2-(2-butoxyethoxy)ethanol Serious eye damage/irritation – Category 2A, H319	5-15%
68603-38-3	Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319	5-15%
577-11-7	Sulfosuccinat-sodiumsalt Eye Dam. 1, H318; Skin Irrit. 2, H315	5-15%
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319	5-15%
120313-48-6	alcohols C12 – C15 ethoxylated, propoxylated Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319	1-5%
69011-36-5	alcohols C13 branched, ethoxylated Eye Dam. 1, H318; Acute Tox. 4, H302	1-5%
61789-77-3	Dicocoalkyldimethyl, chlorides Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302	1-5%
68424-85-1	Benzyl-C12-16-alkyldimethyl, chlorides Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302	1-5%

· **Ingredients according to detergent regulation EC 648/2004**

non-ionic surfactants	≥30%
anionic surfactants	≥5 - <15%
cationic surfactants, perfumes	<5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

* 4 First Aid Measures

· **Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.
· **After inhalation:**
Seek medical treatment in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.

(Contd. on page 3)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 2)

· **After skin contact:**
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.
· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fire with alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** Use normal protective clothing.

* 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
· **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
· **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

* 7 Handling and Storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about fire - and explosion protection:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Store under lock and key and with access restricted to technical experts or their assistants only.
· **Storage class:** 12
· **Specific end use(s)** No further relevant information available.

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 3)

* 8 Exposure controls and personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
57-55-6 Propylene glycol (1-5%)	
WES	Long-term value: 474* 10** mg/m³, 150* ppm *vapour&particluates;**particulates only

· **DNELs**

112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	long term/systemic effects	1.3 mg/kg (Consumers)
Dermal	long term/systemic effects	10 mg/kg (Consumers)
		20 mg/kg (Workers)
Inhalative	long term/systemic effects	5 mg/m³ (Consumers)
	long term/local effects	5 mg/m³ (Consumers)
		5 mg/m³ (Workers)
	Acute/local effects	7.5 mg/m³ (Consumers)
		15 mg/m³ (Workers)
68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)		
Oral	long term/systemic effects	6.25 mg/kg (Consumers)
Dermal	long term/systemic effects	2.5 mg/kg/Day (Consumers)
		4.16 mg/kg/Day (Workers)
Inhalative	long term/systemic effects	21.73 mg/m³ (Consumers)
		73.44 mg/m³ (Workers)
577-11-7 Sulfosuccinat-sodiumsalt		
Oral	long term/systemic effects	18.8 mg/kg (Consumers)
Dermal	long term/systemic effects	18.8 mg/kg/Day (Consumers)
		31.3 mg/kg/Day (Workers)
Inhalative	long term/systemic effects	13 mg/m³ (Consumers)
		44.1 mg/m³ (Workers)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	long term/systemic effects	15 mg/kg (Consumers)
Dermal	long term/systemic effects	1,650 mg/kg (Consumers)
		2,750 mg/kg (Workers)
Inhalative	long term/systemic effects	52 mg/m³ (Consumers)
		175 mg/m³ (Workers)
61789-77-3 Dicocoalkyldimethyl, chlorides		
Oral	long term/systemic effects	2.3 mg/kg (Consumers)
Dermal	long term/systemic effects	7.65 mg/kg/Day (Consumers)
		12.75 mg/kg/Day (Workers)
Inhalative	long term/systemic effects	8 mg/m³ (Consumers)
		27 mg/m³ (Workers)

· **PNECs**

112-34-5 2-(2-butoxyethoxy)ethanol	
Aqua	0.1 mg/l (Marine water)
	1 mg/l (Freshwater)
Boden	0.4 mg/kg dw (Soil)
	0.4 mg/kg dw (Marine water)

(Contd. on page 5)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 4)

	4 mg/kg dw (Freshwater)
68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)	
Aqua	830 mg/l (Sewage treatment plant)
	0.0007 mg/l (Marine water)
	0.007 mg/l (freshwater)
Boden	0.0998 mg/kg dw (Soil)
	0.2111 mg/kg dw (Marine water)
577-11-7 Sulfosuccinat-sodiumsalt	
Aqua	122 mg/l (Sewage treatment plant)
	0.0007 mg/l (Marine water)
	0.0066 mg/l (freshwater)
Sediment	0.0653 mg/kg (Marine water)
	0.653 mg/kg (freshwater)
Boden	0.138 mg/kg dw (Soil)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Aqua	0.024 mg/l (Marine water)
	0.24 mg/l (freshwater)
Sediment	0.545 mg/kg (Marine water)
	5.45 mg/kg (freshwater)
Sewage treatment plant	10,000 mg/L (Sewage treatment plant)
Boden	0.946 mg/kg dw (Soil)
61789-77-3 Dicocoalkyldimethyl, chlorides	
Aqua	1.2 mg/l (Sewage treatment plant)
	0.0013 mg/l (Marine water)
	0.013 mg/l (freshwater)
Sediment	7 mg/kg (Soil)
	0.88 mg/kg (Marine water)
	8.8 mg/kg (freshwater)

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Be sure to clean skin thoroughly after work and before breaks.
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and food.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
· **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 6)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 5)

· **Material of gloves**
PVC or PE gloves
Recommended thickness of the material: ≥ 0.4 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Not suitable are gloves made of the following materials:**
Leather gloves
Strong material gloves
· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Colour:	Light yellow
· **Odour:**	Pleasant
· **Odour threshold:**	Not determined.
· **pH-value at 20 °C:**	7.4-7.8
· **Change in condition**	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
· **Flash point:**	Not applicable.
· **Flammability (solid, gas):**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **Auto-ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapour pressure:**	Not determined.
· **Density at 20 °C:**	1.01 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with water:**	Fully miscible.
· **Partition coefficient: n-octanol/water:**	Not determined.
· **Viscosity:**	
Dynamic at 20 °C:	174.9 mPas

(Contd. on page 7)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 6)

Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	1.9 %
· **Other information**	No further relevant information available.

* 10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
No decomposition if used and stored according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

* 11 Toxicological Information

· **Information on toxicological effects**
· **Acute toxicity**

· **LD/LC50 values relevant for classification:**		
ATE (Acute Toxicity Estimates)		
Oral	LD-50	4,402-7,919 mg/kg

69011-36-5 Alcohols, C13 branched, ethoxylated		
Oral	LD-50	>5,000 mg/kg (rat)
68131-39-5 Alcohols, C12-15, ethoxylated		
Oral	LD-50	1,700 mg/kg (rat)
120313-48-6 alcohols C12 – C15 ethoxylated, propoxylated		
Oral	LD-50	>5,000 mg/kg (rat)
112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	LD-50	3,384 mg/kg (rat)
Dermal	LD-50	2,700 mg/kg (bunny)
577-11-7 Sulfosuccinat-sodiumsalt		
Oral	LD-50	3,000 mg/kg (rat) (OECD 401)
Dermal	LD-50	>10,000 mg/kg (rabbit) (OECD 402)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	LD-50	4,100 mg/kg (rat)
Dermal	LD-50	>2,000 mg/kg (rat)
120313-48-6 alcohols C12 – C15 ethoxylated, propoxylated		
Oral	LD-50	>2,000 mg/kg (rat)
69011-36-5 alcohols C13 branched, ethoxylated		
Oral	LD-50	1,000-2,000 mg/kg (rat)
61789-77-3 Dicocoalkyldimethyl, chlorides		
Oral	LD-50	300-2,000 mg/kg (rat) (OECD-Prüfrichtlinie 401)

· **Primary irritant effect:**
· **Skin corrosion/irritation** Irritant to skin and mucous membranes.
· **Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
· **Respiratory or skin sensitisation** No sensitising effects known.

(Contd. on page 8)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 7)

· **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

* 12 Ecological Information

· **Toxicity**

· **Aquatic toxicity:**	
69011-36-5 Alcohols, C13 branched, ethoxylated	
EC-10 (17 h)	>2,500 mg/l (Belebtschlamm) (DIN 38412 Teil 8)
EC-50 48h	1-10 mg/l (Daphnia magna)
LC-50 96h	1-10 mg/l (Leuciscus idus) (DIN 38412 Teil 15)
120313-48-6 alcohols C12 – C15 ethoxylated, propoxylated	
EC-10 72h	0.1-1 mg/l (Scenedesmus subspicatus) (OECD 201)
EC-50 48h	1 mg/l (Daphnia magna) (OECD 202)
EC-50 72h	0.1-1 mg/l (Scenedesmus subspicatus) (OECD 201)
LC-50 96h	1-10 mg/l (Leuciscus idus) (OECD 203)
NOEC 21 d	0.1-1 mg/l (Daphnia magna)
112-34-5 2-(2-butoxyethoxy)ethanol	
EC-10 (17 h)	1,170 mg/l (Pseudomonas putida)
EC-50 24h	2,850 mg/l (Daphnia magna)
LC-50 96h	1,300 mg/l (Lepomis macrochirus)
NOEC (96h)	>100 mg/l (Desmodesmus subspicatus)
577-11-7 Sulfosuccinat-sodiumsalt	
EC-10 16 h (static)	122 mg/L (Pseudomonas putida)
EC-50 16h (static)	164 mg/l (Pseudomonas putida)
EC-50 48h	6.6 mg/l (Daphnia magna)
LC-50 96h	49 mg/l (Brachydanio rerio)
NOEC (56 d)	>104 mg/kg (Eisenia fetida) (OECD 222)
ErC-50 72h	82.5 mg/l (Desmodesmus subspicatus)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
EC-50 16h	>10,000 mg/l (Pseudomonas putida) (DIN 38412 T8)
EC-50 48h	7.4 mg/l (Daphnia magna) (OECD 202)
EC-50 72h	27.7 mg/l (Desmodesmus subspicatus) (OECD 201)
LC-50 96h	7.1 mg/l (Brachydanio rerio) (OECD 203)
120313-48-6 alcohols C12 – C15 ethoxylated, propoxylated	
EC-50 48h	>1-10 mg/l (Daphnia magna)
LC-50 96h	1-10 mg/l (Leuciscus idus)
69011-36-5 alcohols C13 branched, ethoxylated	
LC-50 96h	1-10 mg/l (Leuciscus idus)
61789-77-3 Dicocoalkyldimethyl, chlorides	
LC-50 48 h	>0.1-1 mg/L (Acartia Tonsa)
EC-50 3 h	>10-100 mg/l (Belebtschlamm)
EC-50 72h	>0.1-1 mg/l (Pseudokirchneriella subscapitata) (OECD-Prüfrichtlinie 201)
LC-50 96h	>0.1-1 mg/l (Brachydanio rerio) (OECD-Prüfrichtlinie 203)
68424-85-1 Benzyl-C12-16-alkyldimethyl, chlorides	
EC-50 48h	>0.01-0.1 mg/l (Daphnia magna) (Richtlinie 67/548/EWG, Anhang V, C.2.)
EC-50 72h	>0.01-0.1 mg/l (Pseudokirchneriella subscapitata) (OECD 201)

(Contd. on page 9)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 8)

LC-50 96h	>0.1-1 mg/l (Lepomis macrochirus)
NOEC 21 d	>0.01-0.1 mg/l (Daphnia magna) (OECD 211)
NOEC (72 h)	>0.001-0.01 mg/l (Pseudomonas putida) (OECD- Prüfrichtlinie 201)

· **Persistence and degradability** No further relevant information available.
· **Other information:** The product is biodegradable.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Ecotoxical effects:**
· **Remark:** Very toxic for fish
· **Additional ecological information:**
· **General notes:**
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Do not allow product to reach ground water, water course or sewage system.
Also poisonous for fish and plankton in water bodies.
The product may not be released into the environment without control.
Very toxic for aquatic organisms
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation** Dispose of in accordance with Local, State, and Federal Regulations.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

* 14 Transport information

· **UN-Number** · **ADG, ADN, IMDG, IATA**	Void
· **UN proper shipping name** · **ADG, ADN, IMDG, IATA**	Void
· **Transport hazard class(es)** · **ADG, ADN, IMDG, IATA** · **Class**	Void
· **Packing group** · **ADG, IMDG, IATA**	Void
· **Environmental hazards:** · **Marine pollutant:**	No
· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	Void

(Contd. on page 10)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 9)

* 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Australian Inventory of Industrial Chemicals**
All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**		
112-34-5	2-(2-butoxyethoxy)ethanol	S5
106-24-1	geraniol	S6
97-53-0	Eugenol	S5, S6
5392-40-5	Citral	S5

· **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
· **Hazard pictograms**



GHS05

· **Signal word** Danger
· **Hazard statements**
Causes skin irritation.
Causes serious eye damage.
Harmful to aquatic life with long lasting effects.
· **Precautionary statements**
Avoid release to the environment.
Wear protective gloves / eye protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
NK	1-5

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
The information of Items 4 through 8 and 10 through 12 partially refers not to the use and the proper application of the product (see Directions for Use/Product Information) but to the release of larger quantities in the case of accidents and irregularities.
The information exclusively describes the safety requirements of the product(s) and is based on the present state of our experience.
Non-ionic tensides can have varying characteristics and classifications despite same CAS-No.

· **Relevant phrases**
H227 Combustible liquid.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.

(Contd. on page 11)

Safety Data Sheet
according to WHS Regulations

(Contd. of page 10)

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic 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.

· **Contact:**

· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 4: Flammable liquids – Category 4
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· *** Data compared to the previous version altered.**