

SAFETY DATA SHEET

SÜDWEST Metall-Klarlack glänzend

Ref.	
Rev. no.	
Revision Date	
Print Date	

13000005991/D 1.7 10.04.2025 06.06.2025

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier Trade name	SÜDWEST Metall-Klarlack glänzend			
Unique Formula Identifier (UFI)	1QY0-H0SM-H000-V7CK			
1.2 Relevant identified uses of the substance or mixture and uses advised against	Clear coating material, Varnish			
Uses advised against	This information is not available.			
1.3 Details of the supplier of the safety data sheet	SÜDWEST Lacke + Farben GmbH & Co.KG Iggelheimer Str. 13 D - 67459 Böhl-Iggelheim Telephone: +49 6324/709-0 info@suedwest.de www.suedwest.de			
E-mail address of person responsible for the SDS European Union	sdb@suedwest.de			
1.4 Emergency telephone number European Union	Phone: +44 (0) 1865 407333			
SECTION 2: HAZARDS IDENTIFICATION				

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)			
Aerosols, Category 1	H222: Extremely flammable aerosol.		
	H229: Pressurised container: May burst if heated.		
Eye irritation, Category 2	H319: Causes serious eye irritation.		

according to Regulation (EC) No. 1907/2006, as amended

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Specific target organ toxicity single exposure, Category 3, Central nervous system H336: May cause drowsiness or dizziness.

Long-term (chronic) aquatic hazard, Category 3

H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) Hazard pictograms



Signal word

Hazard statements

Supplemental Hazard Statements

Precautionary statements

cracking. P102 Keep out of reach of children. **Prevention:** P210 Keep away from heat, hot surfaces, sparks, open flames and

Repeated exposure may cause skin dryness or

other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source.

P211 Do not spray on an open flame or other ignition so P251 Do not pierce or burn, even after use.

P251 Do not pierce of burn, even after use. P260 Do not breathe spray.

Extremely flammable aerosol.

Causes serious eye irritation. May cause drowsiness or dizziness.

Pressurised container: May burst if heated.

Harmful to aquatic life with long lasting effects.

Storage:

Danger

H222

H229 H319

H336 H412

EUH066

1

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. **Disposal:**

P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Hazardous components which must be listed on the label:

acetone

Hydrocarbons, C9, aromatics

2-methoxy-1-methylethyl acetate n-butyl acetate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components				
Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)	
acetone	67-64-1 200-662-2 606-001-00-8 01-2119471330-49- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	≥ 20 - < 30	
Hydrocarbons, C9, aromatics	128601-23-0 01-2119455851-35- XXXX	Asp. Tox. 1; H304 Flam. Liq. 3; H226 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411 EUH066, Note P	≥ 5 - < 10	
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 607-195-00-7 01-2119475791-29- XXXX	Flam. Liq. 3; H226 STOT SE 3; H336	≥5-<10	
xylene	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32- XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315	≥5-<7,5	
n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29- XXXX	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) EUH066	≥ 2,5 - ≤ 5	
butane (containing < 0.1% butadiene (203-450-8))	106-97-8 203-448-7 601-004-01-8 01-2119474691-32- XXXX	Flam. Gas 1; H220 Press. GasH280	≥ 12,5 - ≤ 15	
propane	74-98-6 200-827-9 601-003-00-5 01-2119486944-21- XXXX	Flam. Gas 1; H220 Press. GasH280	≥ 12,5 - ≤ 15	
isobutane	75-28-5 200-857-2 601-004-00-0 01-2119485395-27- XXXX	Flam. Gas 1; H220 Press. GasH280	≥ 5 - ≤ 7,5	

For explanation of abbreviations see section 16.

	SECTION 4: FIRST AID MEASURES		
4.1 Description of first aid mea	sures		
General advice	When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.		
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.		
Skin contact	Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.		
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.		
Ingestion Rinse mouth with water. If swallowed, seek medical advice immediately and show this conta label. Keep at rest. Do NOT induce vomiting.			
4.2 Most important symptoms	and effects, both acute and delayed		
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Symptoms	No information available.		
	No information available.		
4.3 Indication of any immediate	e medical attention and special treatment needed Treat symptomatically.		
4.3 Indication of any immediate	e medical attention and special treatment needed Treat symptomatically. No information available.		
4.3 Indication of any immediate Treatment	e medical attention and special treatment needed Treat symptomatically. No information available.		
 4.3 Indication of any immediate Treatment 5.1 Extinguishing media Suitable extinguishing media Unsuitable extinguishing 	e medical attention and special treatment needed Treat symptomatically. No information available. SECTION 5: FIREFIGHTING MEASURES CO2, extinguishing powder or water spray. Fight larger fires with water		
 4.3 Indication of any immediate Treatment 5.1 Extinguishing media Suitable extinguishing media 	e medical attention and special treatment needed Treat symptomatically. No information available. SECTION 5: FIREFIGHTING MEASURES CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistantfoam.		
 4.3 Indication of any immediate Treatment 5.1 Extinguishing media Suitable extinguishing media Unsuitable extinguishing media 5.2 Special hazards arising from the substance or 	 medical attention and special treatment needed Treat symptomatically. No information available. SECTION 5: FIREFIGHTING MEASURES CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistantfoam. High volume water jet Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx) Exposure to decomposition products may be a hazard to health. 		

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Remove all sources of ignition. Ensure adequate ventilation. Do not breathe vapour. Prevent unauthorized access.	
6.2 Environmental precautions	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.	
6.3 Methods and material for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean with detergents. Avoid solvents. Clean contaminated surface thoroughly. Dispose of contaminated material as waste according to item 13.	
6.4 Reference to other sections	Refer to protective measures listed in sections 7 and 8.	
SECTION 7: HANDLING AND STORAGE		

7.1 Precautions for safe handling

Advice on safe handling	Comply with the statutory regulations on health and safety at work. Avoid formation of aerosol. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. All metal parts of the mixing and processing equipment must be earthed. Operators should wear antistatic footwear and clothing. No sparking tools should be used.
Hygiene measures	Do not breathe spray, vapour. Take off all contaminated clothing immediately. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. After washing hands, replenish lost skin oil by means of oily skin ointment. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Store in original container. Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. Nosmoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a well-ventilated place. Protect from frost, heat and sunlight
	Protect from frost, heat and sunlight.

Advice on protection against fire and explosion	Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
Advice on common storage	Keep away from combustible materials. Keep away from food, drink and animal feedingstuffs. Keep away from oxidizing agents and strongly acid or alkaline materials.
7.3 Specific end use(s)	For further information, see also Technical Data Sheet for the product.

according to Regulation (EC) No. 1907/2006, as amended

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis		
acetone	67-64-1	TWA	500 ppm	2000/39/EC		
			1.210 mg/m³			
	Further informa	ation: Indicative				
2-methoxy-1-	108-65-6	STEL	100 ppm	2000/39/EC		
methylethyl acetate			550 mg/m³			
	Further information: Identifies the possibility of significant uptake through the skin, Indicative					
		TWA	50 ppm	2000/39/EC		
			275 mg/m³			
	Further information: Identifies the possibility of significant uptake through the skin, Indicative					
xylene	1330-20-7	TWA	50 ppm	2000/39/EC		
			221 mg/m³			
	Further information: Identifies the possibility of significant uptake through the skin, Indicative					
		STEL	100 ppm	2000/39/EC		
			442 mg/m³			
	Further informa Indicative	ation: Identifies the pos	sibility of significant uptake thro	ugh the skin,		
n-butyl acetate	123-86-4	STEL	150 ppm	2019/1831/EU		
			723 mg/m³			
	Further informa	Further information: Indicative				

	TWA	50 ppm 241 mg/m³	2019/1831/EU
Further informa	tion: Indicative		

according to Regulation (EC) No. 1907/2006, as amended

The lists that were valid during the creation were used as basis. Monitoring procedures for the assessment of workplace exposure: standard EN 482

8.2 Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable this shoud beachieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates solvent vapour below the occupational exposure limit values, suitable respiratory - protection must be worn.

Washing facilities / water for rinsing eyes and skin should be available.

Personal protective equipment

Eye/face protection	:	Safety glasses with side-shields conforming to EN166

Hand protection

Material	:	butyl-rubber
Break through time	:	60 min
Glove thickness	:	0,7 mm
Remarks	:	e.g. KCL 898 "Butoject®" - butyl rubber protective glove - (Kächele- Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de)or equal.
		Dispose of wetted gloves at the end of the shift!
		Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.
		The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Skin and body protection	:	Preventive skin protection
		Long sleeved clothing
		Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthehic fiber. All parts of the body should be washed after contact.
Respiratory protection	:	When workers are facing concentrations above the occupational exposure limit values they must use appropriate certified respirators.

Breathing protection equipment required in inadequately ventilated places and during spraying.

In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.

Combination filter A-P2

Respiratory protection complying with EN 14387.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 li	n formation on basic physical and Physical state	ch :	emical properties aerosol
	Colour	:	various
	Odour	:	characteristic
	Odour Threshold	:	not determined
	Melting point/freezing point	:	not determined
	Initial boiling point and boiling range	:	Not applicable
	Flammability	:	Not applicable
	Upper explosion limit / Upper	:	13,0 %(V)

flammability limit		Medium: Upper explosion limit
Lower explosion limit / Lower flammability limit	:	1,5 %(V) Medium: Lower explosion limit
Flash point	:	Not applicable, as aerosol.
Auto-ignition temperature	:	333 °C
Decomposition temperature	:	No data available
рН	:	substance/mixture is non-soluble (in water)
Viscosity Viscosity, dynamic	:	not determined
Flow time	:	No data available
Solubility(ies) Water solubility	:	immiscible
Partition coefficient: n- octanol/water	:	not determined
Vapour pressure	:	8.300 hPa (20 °C)

according to Regulation (EC) No. 1907/2006, as amended

according to Regulation (EC) No.
1907/2006, as amended

Density	: ca. 0,7 g/cm ³ (20 °C)
Relative vapour density	: No data available
9.2 Other information Explosives	: In use may form flammable/explosive vapour-air mixture.
Oxidizing properties	: Not applicable
Self-ignition	: not auto-flammable
Evaporation rate	: Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity				
No dangerous reaction known under conditions of normal use.				
10.2 Chemical stability				
Stable under normal conditions.				
10.3 Possibility of hazardous reactions				
Hazardous reactions	No dangerous reaction known under conditions of normal use. Vapours may form explosive mixture with air.			
10.4 Conditions to avoid				
Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods. Avoid heating over 50 °C.			
10.5 Incompatible materials				
Materials to avoid	Strong acids and strong bases			

Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as a Acute toxicity Product:	defined in Regulation (EC) No 1272/2008
Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	Acute toxicity estimate: > 2.000 mg/kg Method: Calculation method
Components:	
xylene: Acute inhalation toxicity	Harmful if inhaled.
Acute dermal toxicity	Harmful in contact with skin.
Skin corrosion/irritation <u>Product:</u> <u>Components:</u>	Repeated exposure may cause skin dryness or cracking.
acetone:	Repeated exposure may cause skin dryness or cracking.
Hydrocarbons, C9, aromatics:	Repeated exposure may cause skin dryness or cracking.
xylene:	Causes skin irritation.
n-butyl acetate:	Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation <u>Product:</u>	Causes serious eye irritation.
<u>Components:</u> acetone:	Causes serious eye irritation.
Respiratory or skin sensitisation <u>Product:</u>	Based on available data, the classification criteria are not met.

Germ cell mutagenicity Product: Genotoxicity in vitro

Based on available data, the classification criteria are not met.

Carcinogenicity Product:

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.

Reproductive toxicity Product: Effects on fertility

Developmental Toxicity

STOT - single exposure <u>Product:</u> Assessment

May cause drowsiness or dizziness.

Inhalation

<u>Components:</u> acetone: Exposure routes Assessment

Hydrocarbons, C9, aromatics: Exposure routes Assessment

Inhalation May cause respiratory irritation., May cause drowsiness or dizziness.

2-methoxy-1-methylethyl acetate: Assessment

n-butyl acetate:

Exposure routes Assessment

Product:

STOT - repeated exposure

inhalation (vapour) May cause drowsiness or dizziness.

May cause drowsiness or dizziness.

May cause drowsiness or dizziness.

Based on available data, the classification criteria are not met.

Aspiration toxicity <u>Product:</u> Based on available data, the classification criteria are not met.

Components:

Hydrocarbons, C9, aromatics: May be fatal if swallowed and enters airways.

Toxicology, Metabolism, Distribution Further information Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

11.2 Information on other hazards

Endocrine disrupting properties Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

:

Experience with human exposure Product: General Information

Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.

Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and central nervous system. Symptoms and signs: headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Solvent sprays can cause irritation and reversible damage to the eye.

Further information Product: Remarks

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION		
12.1 Toxicity <u>Product:</u>		
Toxicity to fish	No data available	
Components: Hydrocarbons, C9, aromatics: Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 9,22 mg/l Exposure time: 96 h	
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 6,14 mg/l Exposure time: 48 h	
12.2 Persistence and degradability <u>Product:</u> Biodegradability	No data available	
<u>Components:</u> Hydrocarbons, C9, aromatics: Biodegradability	rapidly degradable	
n-butyl acetate: Biodegradability	rapidly degradable Biodegradation: > 90 % Exposure time: 28 d	
12.3 Bioaccumulative potential		
Product: Bioaccumulation	No data available	
<u>Components:</u> 2-methoxy-1-methylethyl acetate: Partition coefficient: n- octanol/water	log Pow: 0,43 (20 °C)	
n-butyl acetate: Partition coefficient: n- octanol/water	log Pow: 2,3 Method: OECD Test Guideline 117	
12/19		

	propane: Partition coefficient: n- octanol/water	log Pow: 2,36	
	isobutane: Partition coefficient: n- octanol/water	log Pow: 2,76	
12.4	Mobility in soil		
	Product: Mobility	No data available	
12.5	12.5 Results of PBT and vPvB assessment		
	Product: Assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher	
12.6	Endocrine disrupting properties Product:		
	Assessment :	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.	
12.7	Other adverse effects		
	Product: Additional ecological information	Do not allow product to enter into ground water, bodies of water or sewage systems. Harmful to aquatic life with long lasting effects.	

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
Product	The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Partial and residual quantities can be reused. Fluid remains constitute hazardous waste and should not be poured into the sewage system. They should be taken to a local waste disposal site.
Contaminated packaging	Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 11* waste paint and varnish containing organic solvents or other hazardous substances (*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

	ADR		1950
	IMDG		1950
	ΙΑΤΑ		1950
14.2	UN proper shipping name		
	ADR		AEROSOLS
	IMDG		AEROSOLS
	ΙΑΤΑ		Aerosols, flammable
14.3	Transport hazard class(es) ADR		2.1
	IMDG		2.1
	ΙΑΤΑ		2.1
14.4	Packing group ADR		
	Packing group		Not Assigned
	Classification Code		5F
	Labels		2.1
	Tunnel restriction code		(D)
	IMDG		
	Labels		2.1
	EmS number		F-D, S-U
	ΙΑΤΑ		
	Labels		2.1
14.5	Environmental hazards		
	ADR Environmentally hazardous	:	no
	IMDG Marine pollutant	:	no

14.6 Special precautions for user

Remarks

This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

Remarks

Not applicable

Additional advice

ADR

IMDG

ADR: Up to 1 I per inner package, transport as limited quantity in accordance with ADR 3.4. IMDG: Up to 1 I per inner package, transport as limited quantity in accordance with IMDG Code 3.4.

according to Regulation (EC) No.

1907/2006, as amende

SECTION 15: REGULATORY INFORMATION

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

VOC Directive 2010/75/EU

88,5 %

VOC Directive 2004/42/EC

does not fall under Directive 2004/42/EC

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	Conditions of restriction for the following entries should be considered: (75)acetone butane (containing < 0.1% butadiene (203-450-8)) (29, 28) xylene isobutane (29, 28)
Other regulations	Comply with the statutory regulations on health and safety at work.
	Take note of Dir 94/33/EC on the protection of young people at work. Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

H315	-	Causes skin irritation.
H319 H332		Causes serious eye irritation.
H335		May cause respiratory irritation.
H336		May cause drowsiness or dizziness.
H411		Toxic to aquatic life with long lasting effects.
H336	:	May cause drowsiness or dizziness.
H332	:	Harmful if inhaled.
		5
H315	:	Causes skin irritation.
H312		Harmful in contact with skin.
H304		May be fatal if swallowed and enters airways.
H280		Contains gas under pressure; may explode if heated.
H226		Flammable liquid and vapour.
H225		Highly flammable liquid and vapour.
H220		Extremely flammable gas.

Full text of other appreviations

Acute Tox. :	Acute toxicity
Aquatic Chronic :	Long-term (chronic) aquatic hazard
Asp. Tox. :	Aspiration hazard
Eye Irrit. :	Eye irritation
Flam. Gas :	Flammable gases
Flam. Liq. :	Flammable liquids
Press. Gas :	Gases under pressure
Skin Irrit. :	Skin irritation
STOT SE :	Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC -Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw -Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI -Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information

The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this

matter.

Department issuing MSDS REG_EU / EN sdb@suedwest.de