

SAFETY DATA SHEET

SÜDWEST 2K-Acryl- Strukturlack SG

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|---------------|---------------|
| Ref. | 130000006618/ |
| Rev. no. | 1.3 |
| Revision Date | 04.10.2018 |
| Print Date | 05.11.2018 |

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

1.1 Product identifier

Trade name SÜDWEST 2K-Acryl-Strukturlack SG

1.2 Relevant identified uses of the substance or mixture and uses advised against

Coating compound/ Surface coating/ paint
Reserved for industrial and professional use.

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
Telefax: +49 6324/709-175
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)1235 239 670

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, H226: Flammable liquid and vapour.
Category 3

Skin irritation, Category 2 H315: Causes skin irritation.

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| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Skin sensitisation, Category 1 | H317: May cause an allergic skin reaction. |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness. |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system | H335: May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure, Category 2 | H373: May cause damage to organs through prolonged or repeated exposure. |
| 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

Warning

| | | |
|-------------------|------|--|
| Hazard statements | H226 | Flammable liquid and vapour. |
| | H315 | Causes skin irritation. |
| | H317 | May cause an allergic skin reaction. |
| | H319 | Causes serious eye irritation. |
| | H335 | May cause respiratory irritation. |
| | H336 | May cause drowsiness or dizziness. |
| | H373 | May cause damage to organs through prolonged or repeated exposure. |

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| | H412 | Harmful to aquatic life with long lasting effects. |
| Precautionary statements | Prevention: | |
| | P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| | P260 | Do not breathe vapours. |
| | P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | Response: | |
| | P301 + P330 + P331 + P310 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor. |
| | P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| | P333 + P313 | If skin irritation or rash occurs: Get medical advice/ attention. |
| | 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:

Hydrocarbons, C9, aromatics
xylene (mixture of isomers)
Hexamethylene diisocyanate, homopolymer

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature Lacquer-type paint.

Hazardous components

| Chemical name | CAS-No. EC-No. Registration number | Classification (REGULATION (EC) No 1272/2008) | Concentration (% w/w) |
|---------------|--|---|--------------------------|
| | | | |

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|--|---|---|-------------|
| Hydrocarbons, C9, aromatics | 64742-95-6 01-2119455851-35- XXXX | Asp. Tox.1; H304 Flam. Liq.3; H226 STOT SE3; H335, H336 Aquatic Chronic2; H411 Note H (Table 3.1), Note P The CAS number is no longer specified in REACH registration, but still serves as identification in other areas. | ≥ 20 - < 25 |
| xylene (mixture of isomers) | 1330-20-7 215-535-7 01-2119488216-32- XXXX | Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335 STOT RE2; H373 Asp. Tox.1; H304 | ≥ 10 - < 20 |
| Hexamethylene diisocyanate, homopolymer | 28182-81-2 01-2119488934-20- XXXX | Acute Tox.4; H332 Skin Sens.1; H317 STOT SE3; H335 | ≥ 10 - < 20 |
| Fatty acids, C14-18 and C16-18-unsatd., maleated | 288-306-2 01-2119976378-19- XXXX | Skin Irrit.2; H315 Skin Sens.1; H317 | ≥ 0,1 - < 1 |
| Substances with a workplace exposure limit : | | | |
| 2-methoxy-1- methylethyl acetate | 108-65-6 203-603-9 01-2119475791-29- XXXX | Flam. Liq.3; H226 | ≥ 1 - < 10 |

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice

When symptoms persist or in all cases of doubt seek
medical advice.

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Never give anything by mouth to an unconscious person.
If unconscious, place in recovery position and seek medical advice.

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| 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 container or label. Keep at rest. Do NOT induce vomiting. |

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically.
No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media High volume water jet

5.2 Special hazards arising from the substance or mixture

Fire may cause evolution of:
Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
Exposure to decomposition products may be a hazard to

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| | health. Cool closed containers exposed to fire with water spray. |
| 5.3 Advice for firefighters | In the event of fire, wear self-contained breathing apparatus. Fight fire with normal precautions from a reasonable distance. |
| Additional advice | Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

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 |
|-------------------------|---|

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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 immediately all contaminated clothing.

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.

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

| | |
|-------------------------------|---|
| xylylene (mixture of isomers) | 1330-20-7 |
| 2000/39/EC | Limit Value - eight hours 221 mg/m ³ |

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| | | |
|---------------------------------|---|-----------------------|
| 2000/39/EC | Limit Value - eight hours | 50 ppm |
| Additional advice: | Identifies the possibility of significant uptake through the skin Indicative | |
| 2000/39/EC | Short term exposure limit | 442 mg/m ³ |
| 2000/39/EC | Short term exposure limit | 100 ppm |
| Additional advice: | Identifies the possibility of significant uptake through the skin Indicative | |
| 2-methoxy-1-methylethyl acetate | | 108-65-6 |
| 2000/39/EC | Short term exposure limit | 550 mg/m ³ |
| 2000/39/EC | Short term exposure limit | 100 ppm |
| Additional advice: | Identifies the possibility of significant uptake through the skin Indicative | |
| 2000/39/EC | Limit Value - eight hours | 275 mg/m ³ |
| 2000/39/EC | Limit Value - eight hours | 50 ppm |
| Additional advice: | Identifies the possibility of significant uptake through the skin Indicative | |

The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved 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.

Individual protection measures, such as personal protective equipment

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

b) Skin protection
Hand protection

Recommended preventive skin protection
Before starting work, apply water-resistant skincare preparations to exposed skin areas.
Protective gloves should be worn in case of skin contact during preparation and application.

Break through time: 480 min
Minimum thickness: 0,4 mm
Gloves made of nitrile rubber, e.g. KCL 730 Camatril®
Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-

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87-300, kcl-uk@kcl.de), or equivalent.

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 EU Directive 89/686/EEC 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.

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.

c) 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.

Environmental exposure controls

General advice

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|-----------------|-------------------|
| Appearance | liquid |
| Colour | various |
| Odour | characteristic |
| Odour Threshold | No data available |
| pH | not determined |

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| | |
|--|--------------------------------|
| Melting point/freezing point | No data available |
| Initial boiling point and boiling range | No data available |
| Flash point | 32 °C |
| Evaporation rate | not applicable |
| Flammability (solid, gas) | not applicable |
| Upper explosion limit / Upper flammability limit | No data available |
| Lower explosion limit / Lower flammability limit | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Density | ca. 0,98 g/cm ³ |
| Solubility(ies) Water solubility | insoluble |
| Partition coefficient: n-octanol/water | not determined |
| Auto-ignition temperature | not auto-flammable |
| Decomposition temperature | No data available |
| Viscosity Viscosity, dynamic | No data available |
| Viscosity, kinematic | 363 mm ² /s (40 °C) |
| Explosive properties | Not explosive |
| Oxidizing properties | Not applicable |

9.2 Other information

| | |
|-----------|-------------------|
| Flow time | No data available |
|-----------|-------------------|

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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.

10.5 Incompatible materials

Materials to avoid Strong acids and strong bases
Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if stored and applied as directed.
Decomposition temperature No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product:

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

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Components:**|| xylene (mixture of isomers):**

Acute inhalation toxicity LC50 (Rat): 11 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity Harmful in contact with skin.

|| Hexamethylene diisocyanate, homopolymer:

Acute inhalation toxicity LC50 (Rat): 0,1 - 0,5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
The substance was tested in a form (i.e. specific particle size distribution) that is different from the forms in which the substance is placed on the market and in which it can reasonably be expected to be used. Based on the "split-entry" concept and available data on particle size during end-use of the substance a modified classification for acute inhalation toxicity is justified.
Conversion value of the acute toxicity 1.5 mg/l

Skin corrosion/irritation**Product:**

Causes skin irritation.

Components:**|| Hydrocarbons, C9, aromatics:**

Repeated exposure may cause skin dryness or cracking.

|| xylene (mixture of isomers):

Causes skin irritation.

|| Fatty acids, C14-18 and C16-18-unsatd., maleated:

Causes skin irritation.

Serious eye damage/eye irritation**Product:**

Causes serious eye irritation.

Components:**|| xylene (mixture of isomers):**

Causes serious eye irritation.

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Respiratory or skin sensitisation

Product:

May cause an allergic skin reaction.
Does not cause respiratory sensitisation.

Components:

|| Hexamethylene diisocyanate, homopolymer:

Species Mouse
Method OECD Test Guideline 429
May cause an allergic skin reaction.

|| Fatty acids, C14-18 and C16-18-unsatd., maleated:

May cause an allergic skin reaction.

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.

Reproductive toxicity

Product:

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

Developmental Toxicity

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

STOT - single exposure

Product:

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

Components:

|| Hydrocarbons, C9, aromatics:

Exposure routes Inhalation
Assessment May cause respiratory irritation., May cause drowsiness or dizziness.

|| xylene (mixture of isomers):

Exposure routes Inhalation
Assessment May cause respiratory irritation.

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|| Hexamethylene diisocyanate, homopolymer:

Exposure routes Inhalation
Assessment May cause respiratory irritation.

STOT - repeated exposure**Product:**

Assessment May cause damage to organs through prolonged or repeated exposure.

Components:**|| xylene (mixture of isomers):**

Assessment May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity**Product:**

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

Components:**|| Hydrocarbons, C9, aromatics:**

May be fatal if swallowed and enters airways.

|| xylene (mixture of isomers):

May be fatal if swallowed and enters airways.

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:**

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12.4 Mobility in soil

Product:

Mobility No data available

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 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* Paint and varnish waste containing organic solvents or other dangerous substances (*) hazardous waste in terms of the European directive 91/689/EEC |

SECTION 14: TRANSPORT INFORMATION

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14.1 UN number

| | |
|------|------|
| ADR | 1263 |
| IMDG | 1263 |
| IATA | 1263 |

14.2 UN proper shipping name

| | |
|------|-------|
| ADR | PAINT |
| IMDG | PAINT |
| IATA | Paint |

14.3 Transport hazard class(es)

| | |
|------|---|
| ADR | 3 |
| IMDG | 3 |
| IATA | 3 |

14.4 Packing group

| | |
|---------------------------------|-----------------|
| ADR | |
| Packing group | III |
| Classification Code | F1 |
| Hazard Identification Number | 30 |
| Labels | 3 |
| Tunnel restriction code | (D/E) |
| IMDG | |
| Packaging group | III |
| Labels | 3 |
| EmS number | F-E, <u>S-E</u> |
| IATA | |
| Packaging group | III |

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Labels 3

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 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks Not applicable

Additional advice

ADR ADR: Packages < 450l: No dangerous goods (ADR 2.2.3.1.5)

IMDG IMDG: Packages < 30l: No dangerous goods (IMDG 2.3.2.5).

SECTION 15: REGULATORY INFORMATION

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

VOC
Directive 2010/75/EU 57,9 %
567,4 g/l

VOC
Directive 2004/42/EC

does not fall under Directive 2004/42/EC

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Regulation (EC) No
649/2012 of the European
Parliament and the Council
concerning the export and
import of dangerous
chemicals

Not applicable

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

H226 : Flammable liquid and vapour.
H304 : May be fatal if swallowed and enters airways.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H319 : Causes serious eye irritation.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.
H373 : May cause damage to organs through prolonged or repeated exposure.
H411 : Toxic to aquatic life with long lasting effects.

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Full text of other abbreviations

| | |
|-----------------|--|
| Acute Tox. | : Acute toxicity |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Asp. Tox. | : Aspiration hazard |
| Eye Irrit. | : Eye irritation |
| Flam. Liq. | : Flammable liquids |
| Skin Irrit. | : Skin irritation |
| Skin Sens. | : Skin sensitisation |
| STOT RE | : Specific target organ toxicity - repeated exposure |
| STOT SE | : Specific target organ toxicity - single exposure |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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; 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.

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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

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