

SAFETY DATA SHEET

SÜDWEST Nitro Kombi-Lack

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

1.1 Product identifier

Trade name SÜDWEST Nitro Kombi-Lack

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, Category 3 H226: Flammable liquid and vapour.

Skin irritation, Category 2 H315: Causes skin irritation.

SÜDWEST Nitro Kombi-Lack

Eye irritation, Category 2	H319: Causes serious eye irritation.
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.
Chronic aquatic toxicity, 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 H315 H319 H335 H336 H373 H412	Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.
Precautionary statements	Prevention: P210 P260 P280	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapours. Wear protective gloves/ protective clothing/ eye protection/ face protection.

SÜDWEST Nitro Kombi-Lack**Response:**

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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:

n-butyl acetate
xylene (mixture of isomers)

Additional Labelling:

EUH208

Contains Fatty acids, C14-18 and C16-18-unsatd., maleated, phthalic anhydride. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment
Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Hazardous components**

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
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	≥ 12,5 - < 20
Hydrocarbons, C9, aromatics	64742-95-6 01-2119455851-35-	Asp. Tox.1; H304 Flam. Liq.3; H226 STOT SE3; H335,	≥ 5 - < 10

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	XXXX	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.	
ethylbenzene	100-41-4 202-849-4 01-2119489370-35- XXXX	Flam. Liq.2; H225 Asp. Tox.1; H304 Acute Tox.4; H332 STOT RE2; H373 Aquatic Chronic3; H412	≥ 2,5 - < 5
butan-1-ol	71-36-3 200-751-6 01-2119484630-38- XXXX	Flam. Liq.3; H226 Acute Tox.4; H302 STOT SE3; H335, H336 Skin Irrit.2; H315 Eye Dam.1; H318	≥ 2,5 - < 5
Fatty acids, C14-18 and C16-18-unsatd., maleated	288-306-2 01-2119976378-19- XXXX	Skin Irrit.2; H315 Skin Sens.1; H317	≥ 0,5 - < 1
phthalic anhydride	85-44-9 201-607-5 01-2119457017-41- xxxx	Acute Tox.4; H302 STOT SE3; H335 Skin Irrit.2; H315 Eye Dam.1; H318 Resp. Sens.1; H334 Skin Sens.1; H317	< 0,5
Substances with a workplace exposure limit :			
1-methoxy-2- propanol	107-98-2 203-539-1 01-2119457435-35- XXXX	Flam. Liq.3; H226 STOT SE3; H336	≥ 1 - < 2,5

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.

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 health.

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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 excluded.
All metal parts of the mixing and processing equipment must be earthed.

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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****Exposure limit(s)**

Components		CAS-No.
Basis	Type:	Control parameters
xylene (mixture of isomers)		1330-20-7
2000/39/EC	Limit Value - eight hours	221 mg/m ³

SÜDWEST Nitro Kombi-Lack

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	
ethylbenzene		100-41-4
2000/39/EC	Limit Value - eight hours	442 mg/m ³
2000/39/EC	Limit Value - eight hours	100 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
2000/39/EC	Short term exposure limit	884 mg/m ³
2000/39/EC	Short term exposure limit	200 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
1-methoxy-2-propanol		107-98-2
2000/39/EC	Limit Value - eight hours	375 mg/m ³
2000/39/EC	Limit Value - eight hours	100 ppm
Additional advice:	Identifies the possibility of significant uptake through the skin Indicative	
2000/39/EC	Short term exposure limit	568 mg/m ³
2000/39/EC	Short term exposure limit	150 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 Break through time: 480 min
Minimum thickness: 0,4 mm

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e.g. KCL 897 "Butoject®" - butyl rubber protective glove -
(Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300,
kcl-uk@kcl.de) or equal.

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.
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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	20 °C, Not applicable
Melting point/freezing	No data available

SÜDWEST Nitro Kombi-Lack

point	
Initial boiling point and boiling range	No data available
Flash point	25 °C
Evaporation rate	not applicable
Flammability (solid, gas)	not applicable
Lower explosion limit	1,1 %(V)
Upper explosion limit	13,7 %(V)
Vapour pressure	17 hPa, 20 °C
Vapour density	No data available
Density	ca. 1,06 g/cm ³ , 20 °C
Solubility(ies)(Water)	insoluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Ignition temperature	270 °C
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Explosive properties	In use may form flammable/explosive vapour-air mixture.
Oxidizing properties	Not applicable

9.2 Other information

Flow time	80 s, 20 °C, 4 mm
Solid content	48 %(m)

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

SÜDWEST Nitro Kombi-Lack

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****Product**

Acute oral toxicity Acute toxicity estimate : > 2.000 mg/kg

Method: Calculation method

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

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

SÜDWEST Nitro Kombi-Lack

Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity 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	May cause respiratory irritation., May cause drowsiness or dizziness.
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Based on available data, the classification criteria are not met.
Human experience	<p>Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.</p> <p>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.</p> <p>Solvent sprays can cause irritation and reversible damage to the eye.</p>
Further information	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).

SÜDWEST Nitro Kombi-Lack**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.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
STOT - single exposure	Exposure routes: Inhalation May cause respiratory irritation.
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.

Hydrocarbons, C9, aromatics :

Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
STOT - single exposure	Exposure routes: Inhalation May cause respiratory irritation., May cause drowsiness or dizziness.
Aspiration hazard	May be fatal if swallowed and enters airways.

ethylbenzene :

Acute inhalation toxicity	Harmful if inhaled.
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.

SÜDWEST Nitro Kombi-Lack

Aspiration hazard	May be fatal if swallowed and enters airways.
butan-1-ol : Acute oral toxicity	Harmful if swallowed.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
STOT - single exposure	Exposure routes: Inhalation May cause respiratory irritation., May cause drowsiness or dizziness.
Fatty acids, C14-18 and C16-18-unsatd., maleated : Skin corrosion/irritation	Causes skin irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
phthalic anhydride : Acute oral toxicity	LD50 Rat: 1.530 mg/kg
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory or skin sensitisation	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT - single exposure	Exposure routes: Inhalation May cause respiratory irritation.

SÜDWEST Nitro Kombi-Lack

1-methoxy-2-propanol :

STOT - single exposure

May cause drowsiness or dizziness.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Product:**

Toxicity to fish

No data available

12.2 Persistence and degradability**Product:**

Biodegradability

No data available

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

Biodegradability

Result: rapidly degradable

12.3 Bioaccumulative potential**Product:**

Bioaccumulation

No data available

Components:**xylene (mixture of isomers) :**Partition coefficient: n-
octanol/water

log Pow: > 3

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

SÜDWEST Nitro Kombi-Lack

(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" If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	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

14.1 UN number

ADR	1263
IMDG	1263
IATA	1263

14.2 UN proper shipping name

ADR	PAINT
IMDG	PAINT

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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, S-E

IATA

Packaging group III

Labels 3

14.5 Environmental hazards

ADR

Environmentally hazardous no

IMDG

Marine pollutant no

14.6 Special precautions for user

SÜDWEST Nitro Kombi-Lack

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

Directive 2010/75/EU 52 %
556 g/l

Directive 2004/42/EC

Other regulations does not fall under Directive 2004/42/EC
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.

SÜDWEST Nitro Kombi-Lack

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

H225	: Highly flammable liquid and vapour.
H226	: Flammable liquid and vapour.
H302	: Harmful if swallowed.
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.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H332	: Harmful if inhaled.
H334	: May cause allergy or asthma symptoms or breathing difficulties 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.
H412	: Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Chronic	: Chronic aquatic toxicity
Asp. Tox.	: Aspiration hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Resp. Sens.	: Respiratory sensitisation
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

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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; 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. 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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