

SÜDWEST Fassaden-Öl

Ref. 13000007308/

Rev. no. 1.1

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

1.1 Product identifier

Trade name SÜDWEST Fassaden-Öl

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

Wood coating

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

Eye irritation, Category 2 H319: Causes serious eye irritation.

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 H319 H412	Flammable liquid and vapour. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	
Supplemental Hazard Statements	EUH066	Repeated exposure may cause skin dryness or cracking.	
Precautionary statements	P102 Prevention:	Keep out of reach of children.	
Statemente	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
	P280	Wear eye protection/ face protection.	
	Response:		
	P303 + P361 + F	P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.	
	P337 + P313	If eye irritation persists: Get medical advice/ attention.	
	P305 + P351 + F	P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
	Disposal:		
	P501	Contents/container to be disposed of through approved disposal contractor or	

Additional Labelling:

taken to municipal collection point.

EUH208

Contains turpentine, oil, 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction. These are preservatives.

Regulation concerning biocidal products (528/2012):

Contains 3-iodo-2-propynyl butylcarbamate . As active agents for coating protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)

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

Components

Chemical name	CAS-No.	Classification	Concentration (%
	EC-No.	(REGULATION (EC)	w/w)
	Registration number	No 1272/2008)	
Hydrocarbons, C10-C13, n-alkanes,	64742-48-9	Asp. Tox.1; H304	≥ 25 - < 50
isoalkanes, cyclics,	01-2119457273-39-	The CAS number is no	
<2% aromatics	xxxx	longer specified in	
		REACH registration,	
		but still serves as	
		identification in other	
		areas.	
2-(2-	112-34-5	Eye Irrit.2; H319	≥1-<3
butoxyethoxy)ethanol	203-961-6		
	01-2119475104-44-		
	xxxx		
(ethyl-3-	149057-70-5	Flam. Liq.3; H226	≥ 1 - < 3
oxobutanoato-		Eye Dam.1; H318	
O'1,O'3)(2- dimethylaminoethano	402-370-2		
lato)(1-	01-0000015213-82-		
methoxypropan-2-	XXXX		
olato)aluminium(III),			
Jacojaiai iliai iliai ilij,		1	

dimerised			
turpentine, oil	8006-64-2 232-350-7 01-2119502456-45- XXXX	Flam. Liq.2; H225 Acute Tox.4; H302 Acute Tox.4; H312 Acute Tox.4; H332 Skin Irrit.2; H315 Eye Irrit.2; H319 Skin Sens.1; H317 Asp. Tox.1; H304 Aquatic Chronic1; H410	≥ 0,5 - < 1
3-iodo-2-propynyl butylcarbamate	55406-53-6 259-627-5	STOT RE1; H372 Eye Dam.1; H318 Acute Tox.3; H331 Skin Sens.1; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410 Acute Tox.4; H302 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	≥ 0,2 - < 0,5

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

• • • • •			
General advice	Whon cymptome	narciet ar in all	cases of doubt seek
CIELLEI ALIVICE	***************************************	NG 19191 NI 111 AU	C0363 OLUUUU 3667

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.

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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

No information available. **Symptoms**

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 resistantfoam.

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 (NOx)

Exposure to decomposition products may be a hazard to

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

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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.

Risk of self-combustion from drying oils on used

towels/rags.

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

Store in original container.

Keep container tightly closed. Never use pressure to empty:

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containers 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

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

explosion

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
2-(2-butoxyethoxy)etha	anol	112-34-5
2006/15/EC	Short term exposure limit	101,2 mg/m ³
2006/15/EC	Short term exposure limit	15 ppm
Additional advice:	Indicative	
2006/15/EC	Limit Value - eight hours	67,5 mg/m ³
2006/15/EC	Limit Value - eight hours	10 ppm
Additional advice:	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 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.

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-

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 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.

Body Protection Preventive skin protection

Long sleeved clothing

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic 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 No data available

Melting point/freezing point

No data available

Initial boiling point and

boiling range

186 °C

Flash point 51 °C

Method: closed cup

Evaporation rate not applicable

Flammability (solid, gas) not applicable

Upper explosion limit /

Upper flammability limit

10,4 %(V)

Upper explosion limit

Lower explosion limit / 1,4 %(V)

Lower flammability limit Lower explosion limit

Vapour pressure 0,7 hPa (20 °C)

Vapour density No data available

Density ca. 0,93 g/cm³ (20 °C)

Solubility(ies)

Water solubility No data available

Partition coefficient: n-

octanol/water

not determined

Auto-ignition temperature not auto-flammable

Decomposition No data available

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temperature

Viscosity

Viscosity, dynamic No data available

Viscosity, kinematic ca. 91 mm²/s (40 °C)

Explosive properties Not explosive

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

Oxidizing properties Not applicable

9.2 Other information

Flow time No data available

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

nazardous decomposi

No decomposition if stored and applied as directed.

products

Decomposition temperature

No data available

SECTION 11: TOXICOLOGICAL INFORMATION

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11.1 Information on toxicological effects

Acute toxicity Product:

Acute oral toxicity Based on available data, the classification criteria are

not met.

Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity Based on available data, the classification criteria are

not met.

Components: turpentine, oil:

Acute oral toxicity Harmful if swallowed.

Acute inhalation toxicity Harmful if inhaled.

Acute dermal toxicity Harmful in contact with skin.

3-iodo-2-propynyl butylcarbamate:

Acute oral toxicity Harmful if swallowed.

Acute inhalation toxicity LC50 (Rat): 3 mg/l

Exposure time: 4 h

Test atmosphere: vapour

Skin corrosion/irritation

Product:

Repeated exposure may cause skin dryness or cracking.

Components:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Repeated exposure may cause skin dryness or cracking.

turpentine, oil:

Causes skin irritation.

Serious eye damage/eye irritation

Product:

Causes serious eye irritation.

Components:

2-(2-butoxyethoxy)ethanol:

Causes serious eye irritation.

(ethyl-3-oxobutanoato-O'1,O'3)(2-dimethylaminoethanolato)(1-methoxypropan-2-olato)aluminium(III), dimerised:

Causes serious eye damage.

turpentine, oil:

Causes serious eye irritation.

3-iodo-2-propynyl butylcarbamate:

Causes serious eye damage.

Respiratory or skin sensitisation

Product:

Based on available data, the classification criteria are

not met.

Components:

turpentine, oil:

May cause an allergic skin reaction.

3-iodo-2-propynyl butylcarbamate:

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:

Based on available data, the classification criteria are

not met.

STOT - repeated exposure Product:

Based on available data, the classification criteria are

not met.

Components:

3-iodo-2-propynyl butylcarbamate:

Exposure routes Inhalation Target Organs Iarynx

Assessment Causes damage to organs through prolonged or

repeated exposure.

Aspiration toxicity

Product:

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

Components:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics:

May be fatal if swallowed and enters airways.

turpentine, oil:

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, fatique, 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:**

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).

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish No data available

Components:

3-iodo-2-propynyl butylcarbamate:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 0,067 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and EC50 (Daphnia magna (Water flea)): 0,16 mg/l

other aquatic invertebrates Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae/aquatic

plants

EC50 (Pseudokirchneriella subcapitata (green algae)):

0,049 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)):

0,0046 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

M-Factor (Acute aquatic

toxicity)

10

Toxicity to fish (Chronic

toxicity)

NOEC: 0,0084 mg/l Exposure time: 35 d

Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates

(Chronic toxicity)

NOEC: 0,010 mg/l Exposure time: 21 d

Species: Daphnia (water flea) Method: OECD Test Guideline 211

M-Factor (Chronic aquatic

toxicity)

1

12.2 Persistence and degradability

Product:

Biodegradability No data available

Components:

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turpentine, oil:

Biodegradability Result: rapidly degradable

Biodegradation: 76 % Exposure time: 28 d

Method: OECD Test Guideline 301D

3-iodo-2-propynyl butylcarbamate:

Biodegradability Result: rapidly degradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation No data available

Components:

2-(2-butoxyethoxy)ethanol:

Partition coefficient: n-

octanol/water

log Pow: 0,56

turpentine, oil:

Bioaccumulation Due to the distribution coefficient n-octanol/water,

accumulation in organisms is possible.

Partition coefficient: n-

octanol/water

log Pow: > 3

3-iodo-2-propynyl butylcarbamate:

Partition coefficient: n-

log Pow: 2,8

octanol/water

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:

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Additional ecological information

Do not allow product to enter into ground water, bodies of water or sewage systems.

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

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 30

Number

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

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.

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

Remarks Not applicable

Additional advice

ADR: Packages < 4501: No dangerous goods (ADR

2.2.3.1.5)

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 39,3 %

VOC

Directive 2004/42/EC

41,7 % 363,1 g/l

EU limit value for this product (cat. A/e) :400 g/IThis product

contains max400 g/IVOC.

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

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.
H331	: Toxic if inhaled.
H332	: Harmful if inhaled.
H372	: Causes damage to organs through prolonged or
	repeated exposure if inhaled.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Acute : Short-term (acute) aquatic hazard Aquatic Chronic : Long-term (chronic) aquatic hazard

Asp. Tox. : Aspiration hazard Eye Dam. : Serious eye damage

Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

STOT RE : Specific target organ toxicity - repeated 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. 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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