according to Regulation (EC) No. 1907/2006



DENIMCOL SPEC-FIX 104 W

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : DENIMCOL SPEC-FIX 104 W

REACH Registration Number : 01-2119963929-15

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-Substance name

yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-

propionate) and 2,2-bis({[3-(2-methylaziridin-1-

yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-

1-yl)propanoyl]oxy}methyl)butoxy]propanoate

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

Use of the Sub-: Raw material for textile auxiliaries

stance/Mixture

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

CHT Switzerland AG CHT Germany GmbH Bismarckstraße 102 Kriessernstrasse 20 72072 Tübingen 9462 Montlingen

Switzerland Germany

Tel.: +49 7071 154 0 Tel.: +41 71 763 88 11 info.switzerland@cht.com info@cht.com

Importer

Responsible Department CHT Germany GmbH

> CHT Switzerland AG **Product Safety**

sds.germany@cht.com sds.switzerland@cht.com

1.4 Emergency telephone number

Emergency telephone +49 7071 154 0 (Germany, 24 hours)

number +41 71 763 88 11 (Switzerland, 24 hours)

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4 H302: Harmful if swallowed.

Serious eye damage, Category 1 H318: Causes serious eye damage.

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

Germ cell mutagenicity, Category 2 H341: Suspected of causing genetic defects.

Specific target organ toxicity - repeated

exposure, Category 2

H373: May cause damage to organs through pro-

longed or repeated exposure.

Chronic aquatic toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :









Signal word : Danger

Hazard statements : H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H341 Suspected of causing genetic defects.

H373 May cause damage to organs through prolonged or

repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : Prevention:

P201 Obtain special instructions before use.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protec-

tion/face protection.

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.

P308 + P313 IF exposed or concerned: Get medical advice/

attention.

according to Regulation (EC) No. 1907/2006



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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

3.1 Substances

Substance name : Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-

yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-

propionate) and 2,2-bis({[3-(2-methylaziridin-1-

yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-

1-yl)propanoyl]oxy}methyl)butoxy]propanoate

Hazardous components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)
Reaction mass of 2-ethyl-2- [[3-(2-methylaziridin-1- yl)propionyl]methyl]propane -1,3-diyl bis(2- methylaziridine-1- propionate) and 2,2-bis({[3- (2-methylaziridin-1- yl)propanoyl]oxy}methyl)but yl 3-[2,2-bis({[3-(2- methylaziridin-1- yl)propanoyl]oxy}methyl)but oxy]propanoate	Not Assigned	>= 90 - <= 100

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Take off all contaminated clothing immediately.

Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.

If symptoms persist, call a physician.

In case of skin contact : Wash off immediately with soap and plenty of water.

If symptoms persist, call a physician.

In case of eye contact : In case of eye contact, remove contact lens and rinse imme-

diately with plenty of water, also under the eyelids, for at least

15 minutes.

according to Regulation (EC) No. 1907/2006



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Call a physician immediately.

If swallowed Rinse mouth with water.

> Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Risks Refer to section 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2)

> Dry powder Foam Water spray

Unsuitable extinguishing

media

High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Hazardous decomposition products formed under fire condi-

tions.

Can be released in case of fire:

Carbon oxides

Nitrogen oxides (NOx)

5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information In case of fire do not inhale smoke, conflagration gases and

steams.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations. Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

according to Regulation (EC) No. 1907/2006

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6.2 Environmental precautions

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.

Pay attention to local or official regulations.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust). Clean contaminated surface thoroughly.

Dispose of in accordance with local regulations.

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 : Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against

fire and explosion

Keep away from heat and sources of ignition. Keep away from direct sunlight. Use water spray to cool unopened containers.

Hygiene measures : Avoid contact with skin, eyes and clothing.

Do not breathe vapours, aerosols.

Take off all contaminated clothing immediately.

Handle in accordance with good industrial hygiene and safety

practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Do always store in containers which correspond to the original

ones.

Keep container tightly closed.

Further information on stor-

age conditions

: Store container in a well ventilated position. Protect from moisture. Protect from temperatures below + 5 °C. Protect

from temperatures over + 25 °C. Keep away from heat and

direct sunlight.

Advice on common storage : Do not store together with:

Oxidizing agents Strong bases Strong acids

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this sub-

stance/mixture.

according to Regulation (EC) No. 1907/2006



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Reaction mass of 2- ethyl-2-[[3-(2- methylaziridin-1- yl)propionyl]methyl]pro pane-1,3-diyl bis(2- methylaziridine-1- propionate) and 2,2- bis({[3-(2- methylaziridin-1- yl)propanoyl]oxy}meth yl)butyl 3-[2,2-bis({[3- (2-methylaziridin-1- yl)propanoyl]oxy}meth yl)butoxy]propanoate	Workers	Inhalation	Long-term systemic effects	1,62 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	8,4 mg/m3
	Workers	Inhalation	Long-term local ef- fects	11,1 mg/m3
	Workers	Skin contact	Long-term systemic effects	0,023 mg/kg
	Workers	Skin contact	Acute systemic ef- fects	0,417 mg/cm2
	Consumers	Inhalation	Long-term systemic effects	0,972 mg/m3
	Consumers	Inhalation	Acute systemic ef- fects	5,04 mg/m3
	Consumers	Inhalation	Long-term local ef- fects	6,67 mg/m3
	Consumers	Skin contact	Long-term systemic effects	0,014 mg/kg bw/day
	Consumers	Skin contact	Long-term local ef- fects	0,250 mg/cm2
	Consumers	Ingestion	Long-term systemic effects	0,278 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Reaction mass of 2-ethyl-2-[[3-(2-	Fresh water	5,5 µg/l
methylaziridin-1-		
yl)propionyl]methyl]propane-1,3-		
diyl bis(2-methylaziridine-1-		

according to Regulation (EC) No. 1907/2006



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propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate		
	Marine water	0,55 µg/l
	Intermittent use/release	55 μg/l
	STP	10 mg/l
	Fresh water sediment	0,66 mg/kg
	Marine sediment	0,003 mg/kg
	Soil	3,15 µg/kg

8.2 Exposure controls

Engineering measures

Solids with occupational exposure limits in liquid preparations do not cause an exposure in the workplace, because they are not present in a respirable form. Exposure can occur in the form of aerosols or after drying of the liquid the solids remain, possibly in a finely dispersed form. Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Eye protection Safety glasses

Hand protection

Material butyl-rubber Break through time > 120 min Glove thickness >= 0.5 mmProtective index Class 4

Remarks 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.

The obtained break through times according to EN 374 Part III are not measured under normal operating conditions. Therefore a maximum usage time of 50% of the break

through time is recommended.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection In case the work place is not ventilated sufficiently and during

spray processing, it is necessary to wear respiratory protective

equipment. filter AX

according to Regulation (EC) No. 1907/2006



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : light yellow

Odour : amine-like

pH : 10,2

Concentration: 10 g/l

Melting point/range : < -20 °C

Boiling point/boiling range : 243 °C

Flash point : 200 °C

Method: closed cup

Evaporation rate : Not applicable

Upper explosion limit : Not applicable

Lower explosion limit : Not applicable

Vapour pressure : No data available

Relative vapour density : Not applicable

Density : ca. 1,07 g/cm3 (20 °C)

Method: OECD 109

Solubility(ies)

Water solubility : miscible

Partition coefficient: n-

octanol/water

log Pow: < 3

Ignition temperature : 330 °C (1 013 hPa)

Decomposition temperature : > 110 °C

Viscosity

Viscosity, dynamic : 311 mPa.s (20 °C)

Method: OECD 114

83 mPa.s (40 °C) Method: OECD 114

Oxidizing properties : Not applicable

according to Regulation (EC) No. 1907/2006



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9.2 Other information

Conductivity : Not determined

Self-ignition : not auto-flammable

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

10.5 Incompatible materials

Materials to avoid : Strong acids and strong bases

Oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: 500,05 mg/kg

Method: Calculation method

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

:

Acute oral toxicity : LD50 (Rat): > 300 - 2 000 mg/kg

Method: OECD Test Guideline 423

Acute inhalation toxicity : LC50 (Rat): 252

according to Regulation (EC) No. 1907/2006



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Exposure time: 4 h
Test atmosphere: dust/mist

Skin corrosion/irritation

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

:

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Serious eye damage/eye irritation

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

:

Species: Rabbit

Method: OECD Test Guideline 405 Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

:

Test Type: Maximisation Test

Species: Guinea pig

Method: Directive 67/548/EEC, Annex V, B.6. Result: May cause sensitisation by skin contact.

Germ cell mutagenicity

Product:

Germ cell mutagenicity- As- : Mutagenic cat. 2

sessment

according to Regulation (EC) No. 1907/2006



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Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

Germ cell mutagenicity- As- : In vitro tests showed mutagenic effects

sessment

Carcinogenicity

Product:

Carcinogenicity - Assess- : No data available

ment

Reproductive toxicity

Product:

Reproductive toxicity - As-

: No data available

sessment

STOT - single exposure

Product:

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

STOT - repeated exposure

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

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

Aspiration toxicity

Product:

No data available

according to Regulation (EC) No. 1907/2006



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SECTION 12: Ecological information

12.1 Toxicity

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

Toxicity to fish LC50 (Fish): > 1 - 10 mg/l

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): > 1 - 10 mg/l

Exposure time: 48 h

Toxicity to algae : EC50 (algae): > 1 - 10 mg/l

Exposure time: 72 h

Toxicity to microorganisms (activated sludge): > 1 000 mg/l

> Exposure time: 3 h Test Type: static test

12.2 Persistence and degradability

Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butyl 3-[2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

Biodegradability Test Type: O2 measuring

Biodegradation: 16,1 % Exposure time: 28 d

Method: OECD 301 F (mineralisation)

12.3 Bioaccumulative potential

Product:

Bioaccumulation : No bioaccumulation is to be expected (log Pow <= 4).

Partition coefficient: n-

octanol/water

: log Pow: < 3

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Components:

Reaction mass of 2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-1,3-diyl bis(2-methylaziridine-1-propionate) and 2,2-bis({[3-(2-methylaziridin-1-yl)propanoyl]oxy}methyl)butoxy]propanoate

:

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 (vPvB) at levels of

0.1% or higher...

12.6 Other adverse effects

Product:

Adsorbed organic bound

halogens (AOX)

According to our state of knowledge, the product does not contain organically linked halogens. The product does not

increase the AOX-value of the waste water.

Additional ecological infor-

mation

: According to our knowledge, the product does not contain

heavy metals and other compounds of EC directive 2000/60

EC.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Pay attention to local or official regulations.

Contaminated packaging : Pay attention to local or official regulations.

according to Regulation (EC) No. 1907/2006



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SECTION 14: Transport information

14.1 UN number

 ADR
 : UN 3082

 IMDG
 : UN 3082

 IATA
 : UN 3082

14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-

1,3-diyl b is(2-methylaziridine-1-propionate))

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl]methyl]propane-

1,3-diyl bis(2-methylaziridine-1-propionate))

IATA : Environmentally hazardous substance, liquid, n.o.s.

(2-ethyl-2-[[3-(2-methylaziridin-1-yl)propionyl] methyl] propane-

1,3-diyl bis(2-methylaziridine-1-propionate))

14.3 Transport hazard class(es)

 ADR
 : 9

 IMDG
 : 9

 IATA
 : 9

14.4 Packing group

ADR

Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9

IMDG

Packing group : III Labels : 9

EmS Code : F-A, S-F

Segregation group : -

IATA (Cargo)

Packing instruction (cargo : 964

aircraft)

Packing instruction (LQ) : Y964
Packing group : III

Labels : Miscellaneous Dangerous Goods

IATA (Passenger)

according to Regulation (EC) No. 1907/2006



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Packing instruction (passen: 964

ger aircraft)

Packing instruction (LQ) : Y964
Packing group : III

Labels : Miscellaneous Dangerous Goods

14.5 Environmental hazards

ADR

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

IATA (Passenger)

Marine pollutant : yes

IATA (Cargo)

Marine pollutant : yes

14.6 Special precautions for user

Remarks : see chapter 6 - 8

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

Remarks : Not applicable

SECTION 15: Regulatory information

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

Other regulations : Currently no information available.

15.2 Chemical safety assessment

not required

SECTION 16: Other information

Full text of other abbreviations

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;

according to Regulation (EC) No. 1907/2006



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> 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; 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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.