

Safety data sheet
according to Regulation No. 1907/2006

Print date: 15.07.2020
Revised on: 25.06.2020
Version : 1.0

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RALMO-Zack 560 2K

Section 1: Name of the substance or mixture and the company

1.1 Product identifier:

RALMO-Zack 560 2K

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

Product use: Polyurethane foam

1.3 Details of the supplier who provides the safety data sheet:

Company name: Ralmont GmbH
Street: Pavelsbacher Straße 17
City: D-92361 Berggau
Telephone: +49 (0)9181 5120240 · Telefax: + 49 (0)9181 5120241
E-Mail: info@ralmont.de · Contact Person: Mr. Thomas Eckstein
Internet: <http://www.ralmont.de>

1.4 Emergency number

Bonn Poison Control Center, 24 hours a day, Tel. +49(0)228-19240

Section 2: Hazard Identification

2.1 Classification of the substance or mixture:

Classification (REGULATION (EG) No. 1272/2008)

Aerosols, Category 1	H222: Extremely flammable aerosol. H229: Pressurized container: May burst if heated.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, category 2	H319: Causes serious eye irritation.
Inhalation Sensitization, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitization, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - one-time 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 if inhaled.

2.2 Label elements:

Labelling (REGULATION (EG) No. 1272/2008)

Hazard pictograms:



Signal word: Danger

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Hazard statements: H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.
H315 Causes skin irritation.
H317 Can cause allergic reactions to your skin.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

Precautionary Statements: P101 If medical advice is needed, have container or label ready.
P102 Keep out of the reach of children.

Prevention:

P202 Read and understand all safety precautions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Do not smoke.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe dust / smoke / gas / mist / vapor / aerosol.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves / protective clothing / eye protection / face protection.

Reaction:

P304 + P340 + P312 IF INHALED: Remove the person to fresh air and ensure that they can breathe freely. Call a POISON CENTER / doctor if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice / attention.

Storage:

P405 Store locked up.
P410 + P412 Protect from sunlight and do not expose to temperatures exceeding 50 °C / 122 °F.

Disposal:

P501 Dispose of contents / container to in accordance with local regulations.

Hazardous component (s) for labeling:

Diphenylmethane diisocyanate, isomers and homologues

Additional labeling:

The handling of this product can cause allergic reactions in people who are already sensitized to diisocyanates. Avoid contact, including skin contact, with the product in the event of asthma, eczematous skin diseases or skin problems.
Do not use the product if there is insufficient ventilation or wear a protective mask with an appropriate gas filter (type A1 according to EN 14387).

2.3 Other dangers:

This substance / mixture does not contain any components in concentrations of 0.1% or higher that are either classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

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Section 3: Composition/ information on ingredients

3.2 Mixtures:

Ingredients

Chemical name	CAS-No. EG-No. Registration number	Classification	Concentration (% w/w)
Tris (2-chloro-1-methylethyl) phosphate	13674-84-5 237-158-7 01-2119486772-26- XXXX (covered by EC 911-815-4)	Acute Tox. 4; H302	>= 10 - < 20
Diphenylmethane diisocyanate, isomers and homologues	9016-87-9 Unallocated	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 STOT RE 2; H373	>= 10 - < 20
Ethanediol	107-21-1 203-473-3 01- 2119456816-28- XXXX	Acute Tox. 4; H302 STOT RE 2; H373	>= 2,5 - < 5

Substances with a workplace exposure limit:

Dimethyl ether	115-10-6 204-065-8 01-2119472128-37- XXXX	Flam. Gas 1; H220 Press. Gas Liquefied gas; H280	>= 10 - < 20
Isobutane	75-28-5 200-857-2 01- 2119485395-27- XXXX	Flam. Gas 1; H220	>= 2,5 - < 5
Propane	74-98-6 200-827-9 01-2119486944-21- XXXX	Flam. Gas 1; H220 Press. Gas Liquefied gas; H280	>= 1 - < 2,5
Polyethylene glykol	25322-68-3 500-038-2		>= 1 - < 2,5

Section 4: First aid measures

4.1 Description of first aid measures:

General information: Move affected persons out of the danger area.
 Consult a doctor.
 Show this safety data sheet to the doctor in attendance.

After inhalation: Move to fresh air.

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- After skin contact: Take off contaminated clothing and shoes immediately.
Wash with soap and lots of water.
If the problems are persistent, consult a doctor.
- After eye contact: In the event of contact with the eyes, rinse immediately and thoroughly with plenty of water.
Remove contact lenses.
Keep your eyes wide open when rinsing.
If eye irritation persists, consult a specialist.
- After swallowing: Do not induce vomiting without medical advice.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Important acute symptoms and delayed symptoms:

- Symptoms: Asthmatic symptoms
Cough
Breathing disorder
Allergic reaction
Excessive lacrimation
Reddening of the skin
Dermatitis
See Section 11 for more detailed information on health effects and symptoms.
- Risks: Irritating effects
Sensitizing effects
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause respiratory irritation.
Suspected of causing cancer.
May cause damage to organs through prolonged or repeated exposure if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed:

- Treatment: Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media:

- Suitable extinguishing media: In the event of fire, to extinguish water / water spray / water jet / carbon dioxide / use sand / foam / alcohol-resistant foam / dry powder.
- Unsuitable extinguishing media: water

5.2 Special hazards arising from the substance or mixture:

- Hazardous combustion products: Carbon dioxide (CO₂)
Carbon monoxide
Nitrogen oxides (NO_x)
Hydrogen cyanide (hydrocyanic acid)
Chlorine compounds
Bromine compounds

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5.3 Advice for firefighting:

Special protective equipment
for fire-fighters: In the event of fire, wear self-contained breathing apparatus.
Further information: Use water spray to cool closed containers.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions: Use personal protective equipment.
Deny access to unprotected persons.

6.2 Environmental protection measures:

Environmental precautions: Do not allow to enter surface water or sewage system. In the event of water pollution or the sewage system, the responsible persons
Inform the authorities.

6.3 Methods and material for containment and cleaning up:

Methods for cleaning up: Allow to solidify and take up mechanically.

6.4 Reference to other sections:

Personal protective equipment, see section. 8.

Section 7: Handling and storage

7.1 Precautions for safe handling:

Advice on safe handling: Avoid exceeding the specified occupational exposure limit values (AGW)(see section 8).
Do not get in eyes, on skin, or on clothing.
Personal protective equipment, see section. 8.
Persons suffering from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be used in any processing in which this mixture is used.
Do not eat, drink or smoke in the area of application. Take measures against electrostatic discharges. Open container carefully as contents may be under pressure.
The general hygiene measures when handling chemicals are to be observed.

Advice on protection against
fire and explosion: Keep away from heat / sparks / open flames / hot surfaces. Do not smoke. Do not spray into a flame or onto a glowing object. Take precautionary measures to avoid electrostatic discharge.

Hygiene measures: The usual precautionary measures when handling chemicals are to be observed.
do not eat and drink during work. Do not smoke while working. Wash hands before breaks and at the end of work.

7.2 Conditions for safe storage taking into account incompatibilities:

Requirements for storage
rooms and containers: The container is under pressure. Protect from direct sunlight and temperatures above 50 ° C.
Do not crack open or set fire to after using. Do not spray into a flame or onto ember.
Store in the original container. Keep container tightly closed in a dry, well-ventilated place.
Notes on the label. Store in accordance with local regulations.

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Storage class (TRGS 510) 2B, aerosol dispensers and lighters
 More information about the storage stability: No decomposition if stored and used as directed.

7.3 Specific end uses:

Specific use (s): Read current product data sheet before use.

Section 8: Exposure controls / personal protection

8.1 Parameters to be monitored:

Limits for occupational exposure:

Ingredients	CAS-No.	Value type(type of exposure)	Control parameters *	Basis*
	Further information: The AGW of the individual isomers (4,4 den-MDI, 2,4'-MDI, 2,2'-MDI) apply to the two-core component; The EBW (manufacturer's information) is to be used for the homologous portion			
Diphenylmethane diisocyanate, isomers and homologues	9016-87-9	AGW (Inhalable fraction)	0,05 mg/m ³ (MDI)	DE TRGS 900
	Peak limitation: excursion factor (category): 1; = 2 = (I)			
	Further information: Senate commission for testing hazardous substances of the DFG (MAK commission). The occupational exposure limit value generally only applies to monomers. For the assessment of oligomers or polymers see TRGS 430 "Isocyanate", skin resorptive, a risk of fruit damage need not be feared if the occupational exposure limit and the biological limit value (BGW) are observed, skin and respiratory sensitizing substance			
Dimethyl ether	115-10-6	TWA	1.000 ppm	2000/39/EC 1.920 mg/m ³
	Further information: indicative			
		AGW	1.000 ppm 1.900 mg/m ³	DE TRGS 900
	Peak limitation: excursion factor (category): 8; (II)			
	Further information: Senate Commission for the testing of hazardous substances by the DFG (MAK Commission), European Union (An air limit value has been set by the EU: Deviations in value and peak limitation are possible.)			
Isobutane	75-28-5	AGW	1.000 ppm 2.400 mg/m ³	DE TRGS 900
	Peak limitation: excursion factor (category): 4; (II)			
	Further information: Senate commission for the testing of hazardous substances of the DFG (MAK commission)			
Ethanediol	107-21-1	STEL	40 ppm 104 mg/m ³	2000/39/EC
	Further information: Indicates the possibility that larger amounts of the substance will be absorbed through the skin, indicative			

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		TWA	20 ppm 52 mg/m ³	2000/39/EC
		AGW (Vapor and aerosols)	10 ppm 26 mg/m ³	DE TRGS 900
Peak limitation: excursion factor (category): 2 = (I)				
Further information: Senate commission to examine harmful substances Working materials of the DFG (MAK Commission), European Union (An air limit value has been set by the EU: deviations in value and peak limitation are possible.), Sum of vapor and aerosols, skin resorptive, A risk of fetal damage if the workplace limit value and the biological one are adhered to Limit value (BGW) is not to be feared				
Propane	74-98-6	AGW	1.000 ppm 1.800 mg/m ³	DE TRGS 900
Peak limitation: excursion factor (category): 4; (II)				
Further information: Senate commission for the testing of hazardous substances of the DFG (MAK commission)				
Polyethylene glykol	25322-68-3	AGW (Inhalable fraction)	1.000 mg/m ³	DE TRGS 900
Spitzenbegrenzung: Überschreitungsfaktor (Kategorie): 8;(II)				
Further information: Senate commission to examine harmful substances Working materials of the DFG (MAK Commission) A risk of fetal damage if the workplace limit value and the biological one are adhered to Limit value (BGW) is not to be feared				

*The above values correspond to the current legislation on the release date of the data sheet.

8.2 Exposure limit and monitoring exposure:

Personal protection equipment:

- Eye protection: Safety glasses with side protection according to EN 166
 Eye wash bottle with pure water
- Hand protection: When handling chemical products must be chemical-resistant
 Gloves (EN 374) must be worn.
 Manufacturer's instructions are to be observed.
 Suitable for short-term work or as a splash guard: Gloves off
 Butyl rubber / nitrile rubber (> 0.1 mm)
 Change and dispose of contaminated gloves immediately.
 With permanent product contact:
 Viton gloves (0.4 mm)
 Penetration time > 30 min.
- Skin and body protection: Protective work clothing (e.g. safety shoes according to EN ISO 20345, long-sleeved work clothing, long trousers).
- Respiratory protection: In case of insufficient ventilation wear respiratory protection.
 The selection of respiratory masks (EN 14387) must be based on the known or the concentrations to be assumed, the dangers of the product and the Set the occupational exposure limit values (Section 8.1) of the respiratory protection mask in question.
 Filter against organic vapors (type A) and particles: A1: <1000 ppm; A2: <5000 ppm; A3: <10,000 ppm; P1: inert substance; P2, P3: dangerous substances
 Ensure sufficient ventilation, especially in closed rooms.
 Appropriate, tested breathing apparatus must be worn at concentrations above the AGW values.

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Limitation and monitoring of the environmental exposition

General information: Do not allow to enter surface water or sewage system.
In the event of contamination of waterways or sewers, inform the responsible authorities.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	aerosol
Color:	white
Odor:	like ether
Odor threshold:	No data available
pH value:	Not applicable
Melting point / melting range / freezing point:	No data available
Boiling point / boiling range:	No data available
Flash point:	Not applicable
Evaporation rate:	No data available
Flammability (solid, gaseous):	Extremely flammable aerosol
Upper explosion limit / Upper flammability limit:	No data available
Lower explosion limit / Lower flammability limit:	No data available
Vapor pressure:	5100 hPa
Relative vapor density:	No data available
Density:	0.92 g / cm ³ (20 ° C)
Solubility(ies)	
Water solubility:	No data available
Solubility in others	
Solvents No:	No data available
Partition coefficient	
Octanol / water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity	
Viscosity, dynamic:	No data available
Viscosity, kinematic:	Not applicable
Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Additional information:

No data available

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Section 10: Stability and reactivity

10.1 Reactivity:

No dangerous reactions known under normal conditions.

10.2 Chemical stability:

The product is chemically stable.

10.3 Possibility of hazardous reactions:

Hazardous reactions: Stable under specified storage conditions.

10.4 Conditions to avoid:

Conditions to avoid: Heat, flames and sparks.

10.5 Incompatible materials:

Materials to avoid: 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:

Not classified based on the information available.

Ingredients:

Diphenylmethane diisocyanate, isomers and homologues:

Acute oral toxicity: LD50 Oral (rat):> 10,000 mg / kg

Acute inhalation toxicity: Acute toxicity estimate: 1.5 mg / l
Exposure time: 4 h
Test atmosphere: dust / mist
Method: professional judgment
Assessment: The component / mixture is slightly toxic even after brief inhalation.

Acute dermal toxicity: LD50 dermal (rabbit):> 9,400 mg / kg

Ethandiol:

Acute oral toxicity: Acute toxicity estimate: 500 mg / kg
Method: Converted acute toxicity value

Irritation and etch effects on the skin

Causes skin irritation.

Serious eye irritation

Causes serious eye irritation.

Sensitization of the respiratory system and skin

Sensitization through skin contact

May cause an allergic skin reaction.

Sensitization through respiration

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Not classified based on the information available.

Carcinogenicity

Suspected of causing cancer.

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Reproduction toxicity:

Not classified based on the information available.

Specific target organ toxicity at single exposure

May cause respiratory irritation.

Specific target organ toxicity at multiple exposures

May cause damage to organs through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on the information available.

Section 12: Ecological information

12.1 Toxicity:

Ingredients:

Diphenylmethane diisocyanate, isomers and homologues:

Toxicity to fish: LC50 (Brachydanio rerio (zebrafish)):> 1,000 mg / l
Exposure time: 96 h

Toxicity to algae: EC50 (Desmodesmus subspicatus (green algae)):> 1,640 mg / l
Exposure time: 72 h

12.2 Persistence and degradability:

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil:

No data available

12.5 Results of PBT- and vPvB-assessment:

Product:

Assessment: This substance / mixture does not contain any components in concentrations of 0.1% or higher that are either classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Other harmful effects:

Product:

Additional ecological information: No data is available for this product.

Section 13: Disposal considerations

13.1 Waste treatment methods:

Product:

The generation of waste should be avoided or minimized wherever possible.
Empty containers and liners may contain product residue.
Waste and containers must be disposed of in a safe manner.
Dispose of surpluses and products not suitable for recycling via a recognized waste disposal company.
This product and its solutions and by-products must be disposed of at all times in compliance with environmental protection requirements and waste disposal laws, as well as the requirements of local authorities.
Avoid dispersal of spilled material, runoff, and contact with soil, waterways, drains and sewers.

Free recycling by PDR Recycling GmbH + Co KG (only Germany).
Free information at 0800-7836736

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Section 14: Transport information

14.1 UN number:

ADR: UN 1950
IMDG: UN 1950
IATA: UN 1950

14.2 UN proper shipping name:

ADR: AEROSOLS
IMDG: AEROSOLS
IATA: Aerosols, flammable

14.3 Transport hazard classes:

ADR: 2
IMDG: 2.1
IATA: 2.1

14.4 Packing group:

ADR

Packing group: Not determined by regulation
Classification code: 5F
Danger label: 2.1
Tunnel restriction code : (D)

IMDG

Packing group: Not determined by regulation
Danger label: 2.1
EmS code: F-D, S-U

IATA (Freight)

Packing instruction
(cargo aircraft): 203
Packing instruction (LQ): Y203
Packing group: Not determined by regulation
Danger label: Flammable Gas

IATA (Passenger)

Packing instruction
(cargo aircraft): 203
Packing instruction (LQ): Y203
Packing group: Not determined by regulation
Danger label: Flammable Gas

14.5 Environmental hazards:

ADR

Environmentally hazardous: no

IMDG

Marine pollutant : no

IATA (Passenger)

Environmentally hazardous: no

IATA (Freight)

Environmentally hazardous: no

14.6 Special precautions for users:

The transport classification (s) provided herein is / are intended for informational purposes only and are based solely on the properties of the unpackaged material as described in this safety data sheet. Transport classifications can vary with the means of transport, the packaging size and deviations in regional or country regulations.

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14.7 Transport in bulk according to Annex II of MARPOL73 / 78 and the IBC Code

Does not apply to product as shipped.

Section 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):	The restriction conditions for the following entries should be take into account: Diphenylmethane diisocyanate, isomers and homologues (number in List 56)
International Chemical Weapons Convention (CWÜ):	Not applicable
Lists of toxic chemicals and precursors:	Not applicable
Regulation (EC) No. 649/2012 of the European Parliament and of the Council on the export and import of dangerous chemicals:	Not applicable
REACH - List of substances of very high concern eligible for authorization (Article 59):	None of the components are listed (=> 0.1%)
REACH - List of substances subject to authorization (Annex XIV):	Not applicable
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (new version):	Not applicable
REACH information:	The substances contained in our products are - registered by our suppliers and / or - registered by us and / or - excluded from the REACH regulation and / or - are subject to the REACH regulation, but are exempt from the obligation to register.
Seveso III: Directive 2012/18 / EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P3a:	FLAMMABLE AEROSOLS
Water hazard class:	WGK 1 slightly hazardous to water Classification according to AwSV, Appendix 1 (5.2)
Volatile organic compounds:	Ordinance on the incentive tax on volatile organic compounds (VOCV), Volatile organic compounds (VOC) content: 16.71%, Directive 2010/75 / EU of the European Parliament and of the Council of November 24, 2010 on industrial emissions (integrated prevention and control of environmental pollution)

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Other regulations:

75/324 / EEC

Observe employment restrictions according to the law on the protection of mothers at work, in training and in studies (Mutterschutzgesetz - MuSchG).

The product is not subject to the Chemicals Prohibition Ordinance.

Contains a substance that corresponds to the TRGS 905 directory carcinogenic, germ cell mutagenic or substances toxic to reproduction subject to: Diphenylmethanediisocyanate, isomeres and homologues

15.2 Chemical safety assessment:

No chemical safety assessment was carried out for this mixture.

Section 16: Other information

Full text of H-phrases

H220 :	Extremely flammable gas.
H280 :	Contains gas under pressure; can explode if heated.
H302:	Harmful if swallowed.
H315 :	Causes skin irritation.
H317 :	Can cause allergic reactions to your skin.
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.
H351 :	Suspected of causing cancer.
H373:	May cause damage to organs through prolonged or repeated exposure.
H373:	May cause damage to organs through prolonged or repeated exposure if inhaled.

Wording of other abbreviations:

Acute Tox.:	Acute toxicity
Carc.:	Carcinogenicity
Eye Irrit.:	Eye irritation
Flam. Gas:	Flammable gases
Press. Gas:	Gases under pressure
Resp. Sens.:	Sensitization through inhalation
Skin Irrit.:	Irritant effect on the skin
Skin Sens.:	Sensitization through skin contact
STOT RE:	Specific target organ toxicity - repeated exposure
STOT SE:	Specific Target Organ Toxicity - single exposure
2000/39/EC:	Commission Directive 2000/39 / EC establishing a first list of indicative occupational exposure limit values
DE TRGS 900:	TRGS 900 - occupational exposure limit values
2000/39/EC / TWA:	Limit - 8 hours
2000/39/EC / STEL:	Short term limit values
DE TRGS 900 / AGW:	Occupational exposure limit
ADR:	Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS:	Chemical Abstracts Service
DNEL:	Derived no-effect level
EC50:	Half maximal effective concentration
GHS:	Globally Harmonized System
IATA:	International Air Transport Association
IMDG:	International Maritime Code for Dangerous Goods
LD50:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50 % (one half) of a group of test animals)

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LC50: Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)

MARPOL: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978

OEL: Occupational Exposure Limit

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no effect concentration

REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency

SVHC: Substances of Very High Concern

vPvB: Very persistent and very bioaccumulative

Additional information

Classification of the mixture:

Aerosol 1	H222, H229
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Resp. Sens. 1	H334
Skin Sens. 1	H317
Carc. 2	H351
STOT SE 3	H335
STOT RE 2	H373

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

The information contained in this safety data sheet corresponds to our level of knowledge at the time of publication. They do not represent guaranteed properties. With regard to warranty, only the corresponding product data sheets and the general conditions of sale apply. Observe product data sheets before use and processing.

(The data on the hazardous ingredients were taken from the most recent safety data sheet of the upstream supplier.)