

W-THANE HIDRO HPA 50 1 R WHITE A COMPONENT

Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 7/10/2024 Revision date: 1/29/2026 Version: 5.0



SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : W-THANE HIDRO HPA 50 1 R WHITE A COMPONENT
Product code : 14090221
Type of product : Paint
Product group : Trade product

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Coating for maintenance sector

1.4. Supplier's details

WEG TINTAS LTDA - GRUPO WEG

Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

1.5. Emergency phone number

Emergency number

:			
24-HOUR EMERGENCY - AMBIPAR		0800 117 2020	
CHEMTREC international number		+1-703-527-3887 e 1-800-424-9300	
Country	City	Local Number	Toll-Free Number
Austria	Vienna	+43-1-3649237	
Austria			0800 293702
China		400 120 4937	
France		+33-975181407	
Germany			0800-181-7059

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India	Bangalore	+91 8071 279 207	
India			000 800 1007 141
Italy	Milan	+39-02 4555 7031	
Italy			800 789 767
Netherlands		+31-85 888 0596	
South Africa			080-001-4676
United Kingdom	London	+44 20 3807 3798	
South korea			080-880-0454
Japan			0800-300-5842

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to GHS BR (ABNT NBR 14725: 2023)

Skin corrosion/irritation, Category 1

Hazardous to the aquatic environment - Acute Hazard, Category 3

Hazardous to the aquatic environment - Chronic Hazard, Category 3

2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR)

:



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H314 - Causes severe skin burns and eye damage
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS BR)

: P260 - Do not breathe dust, fume, gas, mist, vapours or spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or a doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

2.3. Other hazards which do not result in classification

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
Hydrocarbons, C9, aromatics	CAS-No.: 128601-23-0	1 – 5	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Acute Tox. 3 (Inhalation:vapour), H331 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
1-BUTOXYPROPAN-2-OL	CAS-No.: 5131-66-8	1 – 5	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Triethanolamine	CAS-No.: 102-71-6	1 – 5	Acute Tox. 4 (Dermal), H312
ALUMINIUM OXIDE CHARGE	CAS-No.: 1344-28-1	0.1 – 0.25	Acute Tox. 4 (Inhalation:dust,mist), H332 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Do not remove clothing if it sticks to the skin. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting because of corrosive effects.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/effects	: Causes severe skin burns and eye damage.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.
Symptoms/effects after skin contact	: Highly corrosive to skin. Causes severe burns, irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: Causes serious eye burns. May cause destruction of eye tissue.
Symptoms/effects after ingestion	: Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed, if necessary

Notes to physician	: Treat symptomatically
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

- | | |
|--------------------------------|---|
| Suitable extinguishing media | : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

- | | |
|------------------|---|
| Fire hazard | : In case of fire, corrosive gases come free. |
| Explosion hazard | : No direct explosion hazard. |

5.3. Special protective actions for fire-fighters

- | | |
|--------------------------------|--|
| Firefighting instructions | : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing. |
| Other information | : In case of fire, corrosive and harmful gases come free. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- | | |
|------------------|---|
| General measures | : Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|---|

6.1.1. For non-emergency personnel

- | | |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities. |

6.1.2. For emergency responders

- | | |
|----------------------|--|
| Protective equipment | : Self-contained breathing apparatus. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Corrosionproof suit. Equip cleanup crew with proper protection. |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. |

6.2. Environmental precautions

Harmful to aquatic life with long lasting effects. Do not allow product to spread into the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

- | | |
|-------------------------|---|
| For containment | : Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. |
| Methods for cleaning up | : Clean contaminated surfaces with an excess of water. Take up liquid spill into absorbent material. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- | | |
|-----------------------------------|--|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Precautions for safe handling | : When heated, material emits highly irritating vapours, affecting the eyes. Ensure good ventilation of the work station. Wear personal protective equipment. Keep only in original container. Do not handle until all safety precautions have been read and understood. |
| Hygiene measures | : Always wash hands after handling the product. Remove contaminated clothes. Do not eat, |

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drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. Protect from sunlight. Store in a well-ventilated place. Keep cool.
Packaging materials : Always store product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures

Personal protective equipment:

Corrosionproof clothing.

Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

Eye protection:

Wear closed safety glasses

Skin and body protection:

Safety shoes

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Colour : white
Odour : characteristic
Odour threshold : Not available
pH : 0 Not applicable
Melting point : Not available
Freezing point : Not available

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Boiling point	: Not available
Flash point	: 97 °C
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: Not available
Vapour pressure	: Not available
Relative vapour density at 20°C	: Not available
Relative density	: Not available
Density	: 3 g/cm³
Solubility	: In water, material soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 70 – 80 ku/kg
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

ALUMINIUM OXIDE CHARGE1344-28-1

Boiling point	3000 °C Source: ICSC 0351
Vapour pressure	1 mm Hg at 2158°C Source: ECHA

Hydrocarbons, C9, aromatics128601-23-0

Boiling point	≥ 180 °C
Flash point	≥ 51 °C
Auto-ignition temperature	> 400 °C
Vapour pressure	≥ 0.2 kPa

Triethanolamine102-71-6

Boiling point	335 °C
Flash point	179 °C
Auto-ignition temperature	324 °C
Vapour pressure	1.33 mm Hg

1-BUTOXYPROPAN-2-OL5131-66-8

Boiling point	171.5 °C Source: NLM; chemIDplus, experimental
Flash point	54.5 °C Source: KOSHANET
Auto-ignition temperature	260 °C
Vapour pressure	0.187 kPa Source: TOMES; LOLI

9.2. Data relevant with regard to physical hazard classes

No additional information available

9.3. Further safety characteristics

No additional information available

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SECTION 10: Stability and reactivity

Chemical stability	: Stable under normal conditions of use.
Conditions to avoid	: Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hazardous decomposition products	: On exposure to high temperature, may decompose, releasing corrosive gases.
Incompatible materials	: Materiais plásticos solúveis em Xileno. Não armazenar com materiais explosivos, gases inflamáveis e/ou tóxicos, substâncias oxidantes, corrosivas e materiais que possam.
Possibility of hazardous reactions	: None under normal use.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Handling temperature	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not available
Acute toxicity (dermal)	: Not available
Acute toxicity (inhalation)	: Not available

ALUMINIUM OXIDE CHARGE (1344-28-1)

LD50 oral rat	> 10000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 2.3 mg/l Source: ECHA

Hydrocarbons, C9, aromatics (128601-23-0)

LD50 oral rat	≥ 3492 mg/kg bodyweight
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight
LC50 Inhalation - Rat	≥ 4688 mg/m³

Triethanolamine (102-71-6)

LD50 oral rat	4200 – 11300 mg/kg
LD50 dermal rabbit	2000 mg/kg

1-BUTOXYPROPAN-2-OL (5131-66-8)

LD50 oral rat	5660 mg/kg Source: NLM;HSDB, TOMES;LOLI;
LD50 dermal rabbit	3100 mg/kg Source: NLM;chemIDplus, TOMES;LOLI;

Skin corrosion/irritation	: Causes severe skin burns. pH: 0 Not applicable
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ALUMINIUM OXIDE CHARGE (1344-28-1)

pH	7 – 8
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Triethanolamine (102-71-6)

pH	10.5
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Serious eye damage/irritation	: Assumed to cause serious eye damage pH: 0 Not applicable
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ALUMINIUM OXIDE CHARGE (1344-28-1)

pH	7 – 8
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Triethanolamine (102-71-6)

pH	10.5
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Respiratory or skin sensitisation	: Not available
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Germ cell mutagenicity : Not available

Carcinogenicity : Not available

Triethanolamine (102-71-6)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not available

STOT-single exposure : Not available

Hydrocarbons, C9, aromatics (128601-23-0)

STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
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STOT-repeated exposure : Not available

Hydrocarbons, C9, aromatics (128601-23-0)

LOAEC (inhalation, rat, gas, 90 days)	≥ 1437 ppmv/6h/day
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NOAEL (oral, rat, 90 days)	≥ 600 mg/kg bodyweight/day
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Aspiration hazard : Not available

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Viscosity, kinematic	0.705 – 0.805 mm ² /s
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Hydrocarbons, C9, aromatics (128601-23-0)

Viscosity, kinematic	≥ 1.06 mm ² /s
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1-BUTOXYPROPAN-2-OL (5131-66-8)

Viscosity, kinematic	3.864 mm ² /s
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11.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Causes severe skin burns and eye damage.

Symptoms/effects after inhalation : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/effects after skin contact : Highly corrosive to skin. Causes severe burns. irritation (itching, redness, blistering).

Symptoms/effects after eye contact : Causes serious eye burns. May cause destruction of eye tissue.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

Hazardous to the aquatic environment, short-term (acute) : Harmful to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

ALUMINIUM OXIDE CHARGE1344-28-1

LC50 - Fish [1]	0.078 – 0.108 mg/l Source: ECHA
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EC50 96h - Algae [1]	0.024 mg/l Source: ECHA
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Hydrocarbons, C9, aromatics128601-23-0

LC50 - Fish [1]	≥ 9.2 mg/l
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NOEC (chronic)	≥ 0.34 mg/l
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Triethanolamine102-71-6

LC50 - Fish [1]	11800 mg/l
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Triethanolamine102-71-6	
EC50 - Crustacea [1]	609.98 mg/l
ErC50 algae	169 mg/l
1-BUTOXYPROPAN-2-OL5131-66-8	
LC50 - Fish [1]	797.9 mg/l Source: ECOSAR
EC50 - Crustacea [1]	387.199 mg/l Source: ECOSAR
EC50 96h - Algae [1]	118.237 mg/l Source: ECOSAR

12.2. Persistence and degradability

W-THANE HIDRO HPA 50 1 R WHITE A COMPONENT	
Persistence and degradability	Not rapidly degradable
ALUMINIUM OXIDE CHARGE1344-28-1	
Persistence and degradability	Not rapidly degradable
Hydrocarbons, C9, aromatics128601-23-0	
Persistence and degradability	Not rapidly degradable
Triethanolamine102-71-6	
Persistence and degradability	Not rapidly degradable
1-BUTOXYPROPAN-2-OL5131-66-8	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

Triethanolamine102-71-6	
Partition coefficient n-octanol/water (Log Pow)	-1.59
1-BUTOXYPROPAN-2-OL5131-66-8	
Partition coefficient n-octanol/water (Log Pow)	0.98 Source: EPISUITE

12.4. Mobility in soil

1-BUTOXYPROPAN-2-OL5131-66-8	
Mobility in soil	9.228

12.5. Other adverse effects

Hazardous to the ozone layer	: Not available
Other adverse effects	: May cause pH changes in aqueous ecological systems. Before neutralisation, the product may represent a danger to aquatic organisms.

SECTION 13: Disposal considerations

Waste treatment methods	: Must follow special treatment according to local regulation.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

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SECTION 14: Transport information

14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
UN number		
2735	2735	2735
UN Proper Shipping Name		
AMINAS, CORROSIVAS, LÍQUIDAS, N.E. (REAGENT DIMETHYL ETALONAMINA (DMEA))	AMINES, LIQUID, CORROSIVE, N.O.S. (REAGENT DIMETHYL ETALONAMINA (DMEA) ; REAGENT DIMETHYL ETALONAMINA (DMEA) ; REAGENT DIMETHYL ETALONAMINA (DMEA))	Amines, liquid, corrosive, n.o.s. (REAGENT DIMETHYL ETALONAMINA (DMEA))
Transport document description		
Not applicable	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (REAGENT DIMETHYL ETALONAMINA (DMEA) ; REAGENT DIMETHYL ETALONAMINA (DMEA) ; REAGENT DIMETHYL ETALONAMINA (DMEA)), 8, III	UN 2735 Amines, liquid, corrosive, n.o.s. (REAGENT DIMETHYL ETALONAMINA (DMEA)), 8, III
Transport hazard class(es)		
8	8	8
Danger labels		
8	8	8
		
Subsidiary risk		
Not applicable	Not applicable	Not applicable
Risk Number		
80	Not applicable	Not applicable
Packing group		
III	III	III
Special provisions		
223,274	223,274	A3,A803
Dangerous for the environment		
No	No	No

14.2 Other informations

No additional information available

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SECTION 15: Regulatory information

15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.
Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.
Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26
Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials
Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.
Law No. 12.305, of August 2, 2010 (National Policy on Solid Waste)

SECTION 16: Other information

Abbreviations and acronyms

: CAS-No. - Chemical Abstracts Service number
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
BCF - Bioconcentration factor
EC50 - Median effective concentration
LC50 - Median lethal concentration
VOC - Volatile Organic Compounds
LD50 - Median lethal dose
DMEL - Derived Minimal Effect level
DNEL - Derived-No Effect Level
COD - Chemical oxygen demand (COD)
ATE - Acute Toxicity Estimate
IMDG - International Maritime Dangerous Goods
IATA - International Air Transport Association
EC-No. - European Community number
vPvB - Very Persistent and Very Bioaccumulative
WGK - Water Hazard Class
IOELV - Indicative Occupational Exposure Limit Value
BLV - Biological limit value
TRGS - Technical Rules for Hazardous Substances
TLM - Median Tolerance Limit
IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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