

W-CRIL HIDRO CVD 73 2 R RED RAL 3020 MONOCOMPONENT



Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 2/26/2025 Revision date: 2/24/2026 Version: 4.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form	: Mixture
Trade name	: W-CRIL HIDRO CVD 73 2 R RED RAL 3020 MONOCOMPONENT
Product code	: 16884570
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 providing surfaces with protection, waterproofing, finishing and resistance, etc.

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	

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Germany			0800-181-7059
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)

Acute toxicity (dermal), Category 3

Skin corrosion/irritation, Category 3

Carcinogenicity, Category 1B

Reproductive toxicity, Category 1A

Hazardous to the aquatic environment - Acute Hazard, Category 2

Hazardous to the aquatic environment - Chronic Hazard, Category 2

2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H311 - Toxic in contact with skin

H316 - Causes mild skin irritation

H350 - May cause cancer.

H360 - May damage fertility or the unborn child.

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS BR)

: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P308+P313 - IF exposed or concerned: Get medical advice or attention.

P312 - Call a POISON CENTER or a doctor if you feel unwell.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P332+P313 - If skin irritation occurs: Get medical advice or attention.

P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.

P391 - Collect spillage.

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)
SOLVENT BUTYL GLYCOL (N)	CAS-No.: 111-76-2	1 – 5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Acute Tox. 4 (Inhalation), H332 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
C.I. PIGMENT RED 104	CAS-No.: 12656-85-8	1 – 5	Carc. 1B, H350 Repr. 1A, H360 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Pigment Red 170	CAS-No.: 2786-76-7	1 – 5	Acute Tox. 5 (Dermal), H313
SODIUM NITRITE REAGENT	CAS-No.: 7632-00-0	0.1 – 0.25	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 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 exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Get immediate medical advice/attention. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth out with water.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/effects	: Very toxic: danger of very serious irreversible effects in contact with skin.
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: Toxic in contact with skin. Causes mild skin irritation. Itching.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.
Chronic symptoms	: May cause cancer. May damage fertility. May damage the unborn child.

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 and/or explosion do not breathe fumes. |
| 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. |

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. Equip cleanup crew with proper protection. |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. |

6.2. Environmental precautions

Do not allow to enter drains or water courses. Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. 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 | : Absorb spilled material with sand or earth. Absorb spillage to prevent material damage. 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 | : Obtain special instructions before use. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Ensure good ventilation of the work station. Keep only in original container. Do not handle until all safety precautions have been read and understood. |

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Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Always wash hands after handling the product. Do not eat, 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:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

Eye protection:

Wear security glasses which protect from splashes

Skin and body protection:

Chemical resistant safety shoes. Long sleeved protective clothing. Or chemical resistant apron

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 : red
Odour : characteristic
Odour threshold : Not available
pH : 8.5 – 9
Melting point : Not available

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Freezing point	: Not available
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	: 1.094 – 1.194 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	: 65 – 70 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

SOLVENT BUTYL GLYCOL (N)111-76-2

Boiling point	168.4 °C Source: HSDB
Flash point	63 °C Source: ECHA
Auto-ignition temperature	230 °C Source: ECHA
Vapour pressure	0.88 mm Hg at 25°C Source: hSDB

9.2. Data relevant with regard to physical hazard classes

No additional information available

9.3. Further safety characteristics

No additional information available

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	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Incompatible materials	: No additional information available.
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)	: Toxic in contact with skin.
Acute toxicity (inhalation)	: Not available

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ATE BR (dermal)	205.913 mg/kg bodyweight
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SODIUM NITRITE REAGENT (7632-00-0)

LD50 oral rat	180 mg/kg
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SOLVENT BUTYL GLYCOL (N) (111-76-2)

LD50 dermal rat	> 2000 mg/kg Source: ECHA
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C.I. PIGMENT RED 104 (12656-85-8)

LD50 oral rat	> 10000 mg/kg Source: ECHA
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Pigment Red 170 (2786-76-7)

LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
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Skin corrosion/irritation : Causes mild skin irritation.
pH: 8.5 – 9

SODIUM NITRITE REAGENT (7632-00-0)

pH	8 – 9
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C.I. PIGMENT RED 104 (12656-85-8)

pH	5 – 7 Source: HSDB
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Pigment Red 170 (2786-76-7)

pH	6.5 – 8.5
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Serious eye damage/irritation : Not available
pH: 8.5 – 9

SODIUM NITRITE REAGENT (7632-00-0)

pH	8 – 9
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C.I. PIGMENT RED 104 (12656-85-8)

pH	5 – 7 Source: HSDB
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Pigment Red 170 (2786-76-7)

pH	6.5 – 8.5
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Respiratory or skin sensitisation : Not available
Germ cell mutagenicity : Not available
Carcinogenicity : May cause cancer.

SOLVENT BUTYL GLYCOL (N) (111-76-2)

IARC group	3 - Not classifiable
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C.I. PIGMENT RED 104 (12656-85-8)

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity : May damage fertility or the unborn child.
STOT-single exposure : Not available
STOT-repeated exposure : Not available

C.I. PIGMENT RED 104 (12656-85-8)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard : Not available

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Viscosity, kinematic	1.644 – 1.932 mm ² /s
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11.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Very toxic: danger of very serious irreversible effects in contact with skin.
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: Toxic in contact with skin. Causes mild skin irritation. Itching.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.
Chronic symptoms	: May cause cancer. May damage fertility. May damage the unborn child.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects. Toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

SODIUM NITRITE REAGENT 7632-00-0

LC50 - Fish [1]	0.36 mg/l
EC50 - Crustacea [1]	18.11 mg/l
EC50 72h - Algae [1]	159 mg/l

SOLVENT BUTYL GLYCOL (N) 111-76-2

LC50 - Fish [1]	1474 mg/l Source: ECHA
EC50 - Crustacea [1]	1800 mg/l Source: ECHA
EC50 72h - Algae [1]	911 mg/l Source: ECHA

C.I. PIGMENT RED 10412656-85-8

LC50 - Fish [1]	2500 mg/l Source: ECHA
EC50 - Crustacea [1]	100 mg/l Source: ECHA
EC50 72h - Algae [1]	100 mg/l Source: ECHA

Pigment Red 1702786-76-7

LC50 - Fish [1]	> 100 mg/l Test organisms (species): Oryzias latipes
EC50 - Crustacea [1]	> 110 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	0.06 mg/l Source: Ecological Structure Activity Relationships
LOEC (chronic)	> 30 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	30 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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SODIUM NITRITE REAGENT7632-00-0

Persistence and degradability	Not rapidly degradable
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SOLVENT BUTYL GLYCOL (N)111-76-2

Persistence and degradability	Not rapidly degradable
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C.I. PIGMENT RED 10412656-85-8

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

Pigment Red 1702786-76-7

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

SODIUM NITRITE REAGENT7632-00-0

Partition coefficient n-octanol/water (Log Pow)	-3.7
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SOLVENT BUTYL GLYCOL (N)111-76-2

Partition coefficient n-octanol/water (Log Pow)	0.81 Source: ECHA
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Pigment Red 1702786-76-7

Partition coefficient n-octanol/water (Log Pow)	6.04 Source: Ecological Structure Activity Relationships
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Hazardous to the ozone layer : Not available

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.

SECTION 14: Transport information

14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
UN number		
3082	3082	3082
UN Proper Shipping Name		
SUBSTÂNCIA QUE APRESENTA RISCO PARA O MEIO AMBIENTE, LÍQUIDA, N.E. (C.I. PIGMENT RED 104)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C.I. PIGMENT RED 104)	Environmentally hazardous substance, liquid, n.o.s. (C.I. PIGMENT RED 104)
Transport document description		
Not applicable	UN 3082 ENVIRONMENTALLY HAZARDOUS	UN 3082 Environmentally hazardous

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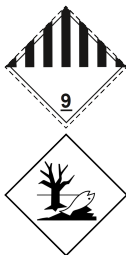
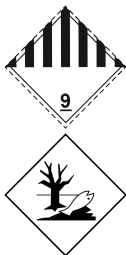
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	SUBSTANCE, LIQUID, N.O.S. (C.I. PIGMENT RED 104), 9, III, MARINE POLLUTANT	substance, liquid, n.o.s. (C.I. PIGMENT RED 104), 9, III
Transport hazard class(es)		
9	9	9
Danger labels		
9	9	9
		
Subsidiary risk		
Not applicable	Not applicable	Not applicable
Risk Number		
90	Not applicable	Not applicable
Packing group		
III	III	III
Special provisions		
274,331,335,375	274,335,969	A97,A158,A197,A215
Dangerous for the environment		
Yes	Yes	Yes

14.2 Other informations

No additional information available

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

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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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