TERRASYSTEM®

MSDS EUROPE
International branch of ToxInfo
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SAFETY DATA SHEET

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

1.1. **Product identifier:**
TERRA-3000®

1.2. **Relevant identified uses of the substance or mixture and uses advised against:**
Natural and environmentally friendly product for ground stabilization and solidification. For professional use.

1.3. **Details of the supplier of the safety data sheet:**

Information about the distributor:
TERRA-SYSTEM Bdstb-BetriebsgesmbH
A-8261 Untergroßau 178
Tel: 0043-31185110

1.3.1. Responsible person: PACHLER Richard
E-mail: Terra.system@aon.at

1.4. **Emergency telephone number:** +43 1 406 43 43

SECTION 2: HAZARDS IDENTIFICATION

2.1. **Classification of the substance or mixture:**

Classification according to Regulation (EC) No 1272/2008 (CLP):
Skin corrosion/irritation, Hazard Category 2 – H315
Serious eye damage/eye irritation, Hazard Category 2 – H319
Specific target organ toxicity – Single exposure, Hazard Category 3, Respiratory tract irritation – H335

Hazard statements:
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H335 – May cause respiratory irritation.

2.2. **Label elements:**

Components that define the hazards: Diethylamine

Hazard statements:
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H335 – May cause respiratory irritation.

Precautionary statements:
P261 – Avoid breathing mist/vapours/spray.
P262 – Do not get in eyes, on skin, or on clothing.
P280 – Wear protective gloves/eye protection/face protection.
P302 + **P352** – IF ON SKIN: Wash with plenty of water.
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P305 + **P351** + **P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.
P304 + **P340 + P312** – IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

2.3. **Other hazards:**
The product has no other known specific hazards for human or environment.
Results of PBT and vPvB assessment: This mixture does not contain any components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1 % or higher in accordance with Annex XIII of Regulation 1907/2006/EC.
Endocrine disrupting property: The mixture does not contain any components considered to have endocrine disrupting properties in accordance with Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. **Substances:**
Not applicable.

3.2. **Mixtures:**

Description	CAS number	EC number / ECHA list number	REACH registration number	Conc. (%)	Classification according to Regulation (EC) No 1272/2008 (CLP)		
					Pictogram, signal word code(s)	Hazard class and category code(s)	Hazard statement code(s)
Diethylamine** Index number: 612-003-00-X	109-89-7	203-716-3	-	<10	GHS02 GHS05 GHS07 Danger	Flam. Liq. 2 Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Corr. 1A	H225 H332 H312 H302 H314
2-Methoxy-1-methylethyl acetate Index number: 607-195-00-7	108-65-6	203-603-9	-	<5	GHS02 Warning	Flam. Liq. 3	H226
Oleic acid*	112-80-1	204-007-1	--	<5	-	not classified	-
Acetic acid** Index number: 607-002-00-6	64-19-7	200-580-7	-	<5	GHS02 GHS05 Danger	Flam. Liq. 3 Skin Corr. 1A	H226 H314
Ethanol Index number : 603-002-00-5	64-17-5	200-578-6	-	<5	GHS02 Danger	Flam. Liq. 2	H225
Water	7732-18-5	231-791-2	-	rest to 100%	-	not classified	-

*: Classification specified by the manufacturer; the substance is not listed in Annex VI of the Regulation (EC) No 1272/2008.
**: Substance having occupational exposure limit value.

Specific concentration limits:
Diethylamine (CAS: 109-89-7):
STOT SE 3; H335: C ≥ 1 %

Acetic acid (CAS: 64-19-7):
Skin Corr. 1A; H314: C ≥ 90 %
Skin Corr. 1B; H314: 25 % ≤ C < 90 %
Skin Irrit. 2; H315: 10 % ≤ C < 25 %
Eye Irrit. 2; H319: 10 % ≤ C < 25 %

For the full text of hazard statements, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. **Description of first aid measures:**

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.

INGESTION:

Measures:

- Do not induce vomiting.
- Never give anything by mouth if victim is unconscious or is convulsing.
- Obtain medical help.

INHALATION:

Measures:

- Remove person to fresh air and keep comfortable for breathing.
- If symptoms persist, obtain medical help.

SKIN CONTACT:

Measures:

- Wash the skin surface with plenty of water and soap.
- If irritation persists, obtain medical help

EYE CONTACT:

Measures:

- In case of contact with eyes flush with water holding eyelids apart and moving the eyeballs.
- Remove contact lenses, if present. Continue rinsing.
- If irritation persists, obtain medical help.

4.2. **Most important symptoms and effects, both acute and delayed:**

Eye contact: Causes serious eye irritation.
Skin contact: Causes skin irritation.
Inhalation: May cause respiratory irritation.
Ingestion: May cause stomach distress, nausea or vomiting.
Target organs: Eyes. Skin. Respiratory system.
Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms: Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

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

No special treatment needed; treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. **Extinguishing media:**

5.1.1. **Suitable extinguishing media:**

Dry chemical, carbon dioxide.

5.1.2. **Unsuitable extinguishing media:**

No unsuitable extinguishing media known.

5.2. **Special hazards arising from the substance or mixture:**

In case of fire, smoke and other combustion products (oxides of carbon, oxides of nitrogen) may be formed, the inhalation of such combustion products can have serious adverse effects on health.

5.3. **Advice for firefighters:**

Wear full protective clothing and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. **Personal precautions, protective equipment and emergency procedures:**

6.1.1. **For non-emergency personnel:**

Allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.

6.1.2. **For emergency responders:**

Keep unnecessary personnel away.
Keep people away from and upwind of spill/leak.
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

6.2. **Environmental precautions:**

Dispose of the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.

6.3. **Methods and material for containment and cleaning up:**

Stop leak if you can do so without risk.
Prevent entry into waterways, sewers, basements or confined areas.
Before attempting clean up, refer to hazard data given above.
Collect the spilled product with non-reactive absorbent, then place into a suitable, closed, properly labelled chemical waste container for removal/disposal.
Never return spills to original containers for re-use.

6.4. **Reference to other sections:**

For further and detailed information see Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. **Precautions for safe handling:**

Observe conventional hygiene precautions.
Use good industrial hygiene practices in handling this material.
Avoid contact with eyes, skin and clothing.
Take off contaminated clothing and wash it before reuse.
Keep out of reach of children.
Use only outdoors or in a well-ventilated area.
Do not eat or drink when using this product.
Wash thoroughly after handling.
Keep container tightly closed.
Avoid breathing spray, vapours or mists of this product.
Technical measures:
Ensure adequate ventilation.
Precautions against fire and explosion:
Keep away from heat and flame.

7.2. **Conditions for safe storage, including any incompatibilities:**

Technical measures and storage condition:
Keep away from heat and flame. Store in a closed container away from incompatible materials.
Keep out of reach of children.
Keep container tightly closed.
Do not store at temperatures above 120 °F (49 °C).
Incompatible materials: See Section 10.5.
Packaging material: No special prescriptions.

7.3. **Specific end use(s):**

No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **Control parameters:**

Occupational exposure limit values (Commission Directive (EC) No 2000/39 of 8 June 2000):
Diethylamine (CAS: 109-89-7): 8hours: 15 mg/m³, 5 ppm; Short term: 30 mg/m³, 10 ppm
2-Methoxy-1-methylethylacetate (CAS: 108-65-6): 8hours: 275 mg/m³, 50 ppm; Short term: 550 mg/m³, 100 ppm
Acetic acid (CAS: 64-19-7): 8hours: 25 mg/m³, 10 ppm; Short term: 50 mg/m³, 20 ppm

DNEL values		Oral exposure		Dermal exposure		Inhalative exposure	
		Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)
Consumer	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data
Worker	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data

PNEC values		
Compartment	Value	Note(s)
Freshwater	no data	no notes
Marine water	no data	no notes
Freshwater sediment	no data	no notes
Marine water sediment	no data	no notes
Sewage Treatment Plant (STP)	no data	no notes
Intermittent release	no data	no notes
Secondary poisoning	no data	no notes
Soil	no data	no notes

8.2. **Exposure controls:**

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1. **Appropriate engineering controls:**

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin. Ensure adequate ventilation.

8.2.2. **Individual protection measures, such as personal protective equipment:**

Wash hands before breaks and immediately after handling the product.
Handle in accordance with good industrial hygiene and safety practices.
When using do not eat or drink.
The information regarding personal protective equipment is only for informative purposes. A complete risk assessment is required before the use of the product for the determination of the appropriate personal protective equipment, taking local circumstances into account.

1. **Eye/face protection:** Use appropriate protective glasses (EN ISO 16321-1:2022; EN 166).
2. **Skin protection:**
    a. **Hand protection:** Use appropriate protective gloves (EN 374).
    Material: Rubber. Confirm with a reputable supplier first.
    b. **Other:** As required by employer code.
3. **Respiratory protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
4. **Thermal hazards:** No thermal hazards known.

8.2.3. **Environmental exposure controls:**

No specific prescription.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions, an expert's advice is necessary before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. **Information on basic physical and chemical properties:**

	Parameter	Value / Test method / Remarks
1.	Physical state	liquid
2.	Colour	milky white to yellow brown
3.	Odour, odour threshold	ethanol
4.	Melting point/freezing point	no data*
5.	Boiling point or initial boiling point and boiling range	no data*
6.	Flammability	no data*

7.	Lower and upper explosion limit	no data*
8.	Flash point	> 80 °C (Setaflash ASTM D 3828) > 94 °C (PM) > 65 °C (DIN EN ISO 51755)
9.	Auto-ignition temperature	no data*
10.	Decomposition temperature	no data*
11.	pH	6-7
12.	Kinematic viscosity	viscous
13.	Solubility in water in other solvents	soluble no data*
14.	Partition coefficient n-octanol/water (log value)	no data*
15.	Vapour pressure	no data*
16.	Density and/or relative density	no data*
17.	Relative vapour density	no data*
18.	Particle characteristics	no data*

9.2. **Other information:**

9.2.1. **Information with regard to physical hazard classes:**
No further data available or not applicable for the product.

9.2.2. **Other safety characteristics:**
No other characteristics available.

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet, or the property is not applicable for the product.

SECTION 10: STABILITY AND REACTIVITY

10.1. **Reactivity:**
This product may react with strong oxidizing agents.

10.2. **Chemical stability:**
Stable at normal temperature and under general work conditions.

10.3. **Possibility of hazardous reactions:**
Hazardous polymerization does not occur.

10.4. **Conditions to avoid:**
Do not mix with other chemicals.

10.5. **Incompatible materials:**
Oxidizers.

10.6. **Hazardous decomposition products:**
May include but not limited to: Oxides of carbon. Oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. **Information on hazard classes as defined in Regulation (EC) No 1272/2008:**
Acute toxicity: Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
STOT-single exposure: May cause respiratory irritation.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

11.1.1. **Summaries of the information derived from the test conducted:**
No data available.

11.1.2. Relevant toxicological properties:
Information about the components:
Acute toxicity:
Acetic acid (CAS: 64-19-7):
LD50 (dermal, guinea pig): 3300 mg/kg
LD50 (dermal, rabbit): 1112 mg/kg
LD50 (dermal, rabbit): 1060 mg/kg
LC50 (inhalation, guinea pig): 5000 ppm, 1 h
LC50 (inhalation, mouse): 5620 ppm, 1 h
LC50 (inhalation, mouse): 2810 ppm, 4 h
LC50 (inhalation, mouse): 6.9 mg/l/4 h
LC50 (inhalation, rat): 11.4 mg/l/4 h
LD50 (oral, mouse): 4960 mg/kg
LD50 (oral, rabbit): 1200 mg/kg
LD50 (oral, rat): 3310 mg/kg
Carcinogenicity:
ACGIH:
Ethanol (CAS: 64-17-5): A4 - Not classifiable as a human carcinogen.

11.1.3. Information on likely routes of exposure:
Ingestion, inhalation, skin contact, eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:
Eye contact: Causes serious eye irritation.
Skin contact: Causes skin irritation.
Inhalation: May cause respiratory irritation.
Ingestion: May cause stomach distress, nausea or vomiting.
Target organs: Eyes. Skin. Respiratory system.
Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms: Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

11.1.6. Interactive effects:
No data available.

11.1.7. Absence of specific data:
No information.

11.2. Information on other hazards:
Endocrine disrupting properties:
Endocrine disrupting property: The mixture does not contain any components considered to have endocrine disrupting properties in accordance with Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.
Other information:
No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:
The mixture is not classified as hazardous for the environment.
Information about the components:
Acetic acid (CAS: 64-19-7):
EC50 (Daphnia): 47 mg/l, 48 hours
LC50 (Lepomis macrochirus): 75 mg/l, 96 hours

12.2. Persistence and degradability:
No data available.

12.3. Bioaccumulative potential:
Partition coefficient:
Acetic acid (CAS: 64-19-7): -0.17
Ethanol (CAS: 64-17-5): 0.05

12.4. **Mobility in soil:**
No data available.

12.5. **Results of PBT and vPvB assessment:**
Results of PBT and vPvB assessment: This mixture does not contain any components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1 % or higher in accordance with Annex XIII of Regulation 1907/2006/EC.

12.6. **Endocrine disrupting properties:**
Endocrine disrupting property: The mixture does not contain any components considered to have endocrine disrupting properties in accordance with Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.

12.7. **Other adverse effects:**
Water hazard class (WGK, German regulation, self-classification): 1 – slightly hazardous for water.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. **Waste treatment methods:**
Disposal according to the local regulations.

13.1.1. **Information regarding the disposal of the product:**
Dispose of in accordance with applicable regulations.
List of Waste Code:
No waste disposal key according to the List of Waste Code (LoW code) can be determined for this product, as only the purpose of application defined by the user enables an allocation. The LoW code number has to be determined after a discussion with a waste disposal specialist.

13.1.2. **Information regarding the disposal of the packaging:**
Dispose of in accordance with applicable regulations.

13.1.3. **Physical/chemical properties that may affect waste treatment options shall be specified:**
No data available.

13.1.4. **Sewage disposal:**
No data available.

13.1.5. **Special precautions for any recommended waste treatment:**

SECTION 14: TRANSPORT INFORMATION

ADR/RID; ADN; IMDG; IATA:
Not subject to the conventions of carriage of dangerous goods.

14.1. **UN number or ID number:**
No UN or ID number.

14.2. **UN proper shipping name:**
No proper shipping name.

14.3. **Transport hazard class(es):**
No transport hazard classes.

14.4. **Packing group:**
No packing group.

14.5. **Environmental hazards:**
Not applicable.

14.6. **Special precautions for user:**
No relevant information available.

14.7. **Maritime transport in bulk according to IMO instruments:**
Not applicable.

SECTION 15: REGULATORY INFORMATION

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

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, amending Directive (EC) No 1999/45 and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive (EEC) No 76/769 and Commission Directives (EEC) No 91/155, (EEC) No 93/67, (EC) No 93/105 and (EC) No 2000/21

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives (EEC) No 67/548 and (EC) No 1999/45, and amending Regulation (EC) No 1907/2006

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

The mixture does not contain ≥ 0.1 % of substances on the candidate list for authorisation of substances of very high concern (SVHC) under Regulation (EC) No 1907/2006 (REACH).

15.2. **Chemical safety assessment:** No information.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet:
The safety data sheet has been revised according to Regulation (EU) 2020/878 (Section 1-16).
The composition of the mixture was modified compared to the previous version.
The hazard classification of the mixture was modified compared to the previous version.

This safety data sheet supersedes all previous versions according to Annex II of Regulation (EC) No 1907/2006.

Literature references / data sources:
Previous version of the safety data sheet (13. 10. 2020, version 3).
Information provided by the distributor (e.g. composition), safety data sheet of component.

Methods used for the classification according to Regulation (EC) No 1272/2008:

Classification	Method
Skin corrosion/irritation, Hazard Category 2 – H315	Based on calculation method
Serious eye damage/eye irritation, Hazard Category 2 – H319	Based on calculation method
Specific target organ toxicity – Single exposure, Hazard Category 3, Respiratory tract irritation – H335	Based on calculation method

Relevant hazard statements (code and full text) of Sections 2 and 3:
H225 – Highly flammable liquid and vapour.
H226 – Flammable liquid and vapour.
H302 – Harmful if swallowed.
H312 – Harmful in contact with skin.
H314 – Causes severe skin burns and eye damage.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H332 – Harmful if inhaled.
H335 – May cause respiratory irritation.

Training advice: No data available.

Full text of the abbreviations in the safety data sheet:
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
AOX: Adsorbable organic halides.
BCF: Bioconcentration factor.
BOD: Biological Oxygen Demand.
CAS number: Chemical Abstract Service number.
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
CMR effects: Carcinogenic, mutagenic, reprotoxic effects.
COD: Chemical Oxygen Demand.
CSA: Chemical Safety Assessment.
CSR: Chemical Safety Report.
DNEL: Derived-No-Effect-Level.
ECHA: European Chemical Agency.
EC: European Community.
EC number: EINECS and ELINCS numbers (see also EINECS and ELINCS).
EEC: European Economic Community.
EEA: European Economic Area (EU + Iceland, Liechtenstein and Norway).
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
EN: European Norm.
EU: European Union.
EuPCS: European Product Categorisation System.
EWC: European Waste Catalogue (replaced by LoW – see below).
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association.
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
IMO: International Maritime Organization.
IMSBC: International Maritime Solid Bulk Cargoes.
IUCLID: International Uniform Chemical Information Database.
IUPAC: International Union of Pure and Applied Chemistry.
Kow: n-Octanol - Water Partition Coefficient.
LC_{50}: Lethal concentration resulting in 50 % mortality.
LD_{50}: Lethal dose resulting in 50 % mortality (median lethal dose).
LoW: List of Waste.
LOEC: Lowest Observed Effect Concentration.
LOEL: Lowest Observed Effect Level.
NOEC: No Observed Effect Concentration.
NOEL: No Observed Effect Level.
NOAEC: No Observed Adverse Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
OECD: Organization for Economic Cooperation and Development.
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic.
PNEC: Predicted No Effect Concentration.
QSAR: Quantitative Structure Activity Relationship.
REACH: Regulation 1907/2006/EC concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.
SCBA: Self Contained Breathing Apparatus.
SDS: Safety Data Sheet.
STOT: Specific Target Organ Toxicity.
SVHC: Substances of Very High Concern.
UN: United Nations.
UVCB: Chemical Substances of Unknown or Variable Composition, Complex Reaction Products or of Biological Materials.
VOC: Volatile Organic Compound.
vPvB: very Persistent and very Bioaccumulative.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.
The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information.
The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.
Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product.
It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by:
MSDS-Europe
International branch of ToxInfo Kft.

Professional help regarding the explanation of the safety data sheet:
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MSDS EUROPE