

SAFETY DATA SHEET

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

1.1. Product identifier:

A.Z. Meisterteile Car shampoo

Identification number: 2784

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

Detergent for industrial, consumer, professional use.

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

Information about the distributor:

Unix Autó Kft.

1139 Budapest, Frangepán utca 55-57.

Tel.: 00 36 1 270 8700

1.3.1. Responsible person:

Unix Autó Kft.

E-mail:

cs@unixauto.com

1.4. Emergency telephone number:

Emergency telephone (07-15:20 h): +36 34 526 210 (CET) on workdays

Health Toxicological Information Service (ETTSZ)

1097 Budapest, Albert Flórián út 2-6.

Tel.: +36 80 201 199, +36 1 476 6464 (0-24 h)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye damage/eye irritation, Hazard Category 2 – H319

Hazard statements:

H319 – Causes serious eye irritation.

2.2. Label elements:

GHS07



WARNING

Hazard statements:

H319 – Causes serious eye irritation.

Precautionary statements:

P102 – Keep out of reach of children.

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.

P501 – Dispose of contents/container: At special waste landfill.

EUH 208 – Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (TMAD). May produce an allergic reaction.

Ingredients in accordance with Regulation (EC) No 648/2004 on detergents:
 <5 % anionic surfactant
 <5 % non-ionic surfactant
 preservative (Tetramethylolglycoluril (TMAD)), perfumes

2.3. Other hazards:

The product has no other known specific hazards for human or environment.
 The ingredients of the product do not meet the criteria for PBT or vPvB substances.
 Endocrine disrupting property: Does not contain endocrine disruptors.

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)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts*	68891-38-3	500-234-8	01-2119488639-16	1-3	GHS05 Danger	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	H315 H318 H412
Amides, C8-18 (even numbered) and C18-unsaturated, N,N-bis(hydroxyethyl)*	68155-07-7	931-329-6	01-2119490100-53	1-2	GHS05 GHS09 Danger	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 2	H315 H318 H411
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (TMAD) / Tetramethylol glycoluril */**	5395-50-6	226-408-0	01-2120762062-63	0.105	GHS07 Warning	Skin Sens. 1B	H317

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

** : Formaldehyde release agent.

Specific concentration limits:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3):

Eye Dam. 1; H318: C ≥ 10 %

Eye Irrit. 2; H319: 10 % > C ≥ 5 %

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General information: Immediate medical intervention is not necessary.

Personal protective equipment for first aiders is not required.

INGESTION:

Measures:

- If the victim is conscious, rinse mouth with water and give water to drink.
- Do not give anything by mouth to an unconscious person.
- It is important to place the unconscious victim in a stable recovery position.
- In case of persistent complaints, obtain medical help.

INHALATION:

Measures:

- In case of complaints, take the victim into fresh air.
- Loosen tight clothes of the victim, keep him calm.
- Protect from cooling down.
- In case of persistent complaints, obtain medical help.

SKIN CONTACT:

Measures:

- Remove the contaminated clothes and shoes.
- Rinse the contaminated body parts thoroughly with plenty of running water, pat dry and then apply skin care product.
- In case of persistent complaints, obtain medical help.

EYE CONTACT:

Measures:

- In case of contact with eyes flush with water holding eyelids apart and moving the eyeballs (for several minutes).
- Remove contact lenses, if easy to do, and then continue rinsing.
- In case of persistent pain or feeling of foreign body, tearing or redness, obtain medical help.

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

Inhalation: not expected.

Skin: dry skin.

Eye: tearing, redness.

Ingestion: digestive complaints (nausea, vomiting, diarrhoea).

Delayed effects: hypersensitivity (skin sensitisation) cannot be excluded after prolonged or repeated exposure.

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

No special treatment needed; treat symptomatically.

Special equipment to be kept at work: eye wash shower or eye wash bottle.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

5.1.1. Suitable extinguishing media:

Choose extinguishing media depending on surrounding fire.

5.1.2. Unsuitable extinguishing media:

No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture:

During thermal decomposition, carbon monoxide, carbon dioxide, hydrocarbons and other irritating and harmful gases are produced.

5.3. Advice for firefighters:

Wear 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:

No special precautions required.

- 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:**
 Turn the leaking containers upside down to avoid spillage. The spilled product should, if necessary based on the extent of the spillage, be contained by a protective barrier and then absorbed with soil, sand or other non-reactive material and collected in a labelled container. The cleaned area (if necessary) may be mopped up with water.
- 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.
Technical measures:
 No special measures required.
Precautions against fire and explosion:
 No special measures required.
- 7.2. **Conditions for safe storage, including any incompatibilities:**
Technical measures and storage condition:
 Store in a closed container in a dry, cool, well-ventilated place, protected from heat and sunlight.
 The mixture should not be stored with strong acids, alkalis, strong oxidizing agents.
Incompatible materials: See Section 10.5.
Packaging material: No special prescriptions.
- 7.3. **Specific end use(s):**
 See Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **Control parameters:**

Occupational exposure limit values (Commission Directive (EC) No 2000/39 of 8 June 2000):
 The components of the mixture are not regulated with exposure limit value.

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 leaking 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:

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:** If there is a risk of splashing, a protective mask with symbol 3 (side protection) is recommended (EN ISO 16321-1:2022; EN 166).
2. **Skin protection:**
 - a. **Hand protection:** Use appropriate protective gloves (EN 374).
Type of material: neoprene, nitrile or latex, thickness: ≥ 0.3 mm, shortest permeation time: 30 minutes.
 - b. **Other:** Not necessary.
3. **Respiratory protection:** Not necessary.
4. **Thermal hazards:** No thermal hazards known.

8.2.3. Environmental exposure controls:

Do not discharge the mixture into surface water, groundwater or sewers.

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	yellow
3. Odour, odour threshold	fragranced
4. Melting point/freezing point	≤ 20 °C
5. Boiling point or initial boiling point and boiling range	> 35 °C
6. Flammability	not combustible
7. Lower and upper explosion limit	not applicable
8. Flash point	not applicable
9. Auto-ignition temperature	not applicable
10. Decomposition temperature	not applicable
11. pH	10 – 11
12. Kinematic viscosity	no data*
13. Solubility in water in other solvents	soluble insoluble in apolar solvents
14. Partition coefficient n-octanol/water (log value)	not applicable
15. Vapour pressure	≤ 300 kPa
16. Density and/or relative density	1 g/cm ³
17. Relative vapour density	no data*
18. Particle characteristics	not applicable

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:**
It is not reactive under the recommended storage conditions.
- 10.2. Chemical stability:**
Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions:**
Under normal handling conditions, no hazardous reactions known.
- 10.4. Conditions to avoid:**
Strong heat.
- 10.5. Incompatible materials:**
The product should not be stored with mineral acids, alkalis, strong oxidizing agents.
- 10.6. Hazardous decomposition products:**
Thermal decomposition produces carbon monoxide, carbon dioxide, hydrocarbons and other irritating and harmful gases.

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: Based on available data, the classification criteria are not met.
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: Based on available data, the classification criteria are not met.
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:**
No data available about the product.
Information about the components:
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3):
Acute toxicity:
LD50 (oral, rat): 2870 mg/kg
LD50 (dermal, rat): >2000 mg/kg
Corrosion/irritation:
Skin: irritant (rabbit)
Eye: causes severe eye damage (rabbit)
Sensitization:
Skin: non-sensitising (guinea pig)
Germ cell mutagenicity: in vitro/in vivo test: both negative.
Carcinogenicity: carcinogenicity unlikely.
Reproductive toxicity:
NOAEL (oral, rat): 300 mg/kg/9 days (maternal and offspring toxicity)
Amides, C8-18 (even numbered) and C18-unsaturated, N,N-bis(hydroxyethyl) (CAS: 68155-07-7):
Acute toxicity:
LD50 (oral, rat): 2870 mg/kg
LD50 (dermal, rat): >2000 mg/kg
Corrosion/irritation:
Skin: irritant (rabbit)
Eye: causes severe eye damage (rabbit)
Sensitization:
Skin: non-sensitising (guinea pig)
Germ cell mutagenicity: in vitro/in vivo test: both negative.
Carcinogenicity:
NOAEL (dermal, rat): not established (2 years)
Reproductive toxicity:
NOAEL (oral, rat): >1000 mg/kg/20 days (maternal or offspring toxicity)

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (CAS: 5395-50-6):

Acute toxicity:

LD₅₀ (oral, rat): 2870 mg/kg

LD₅₀ (dermal, rat): >2000 mg/kg

LC₅₀ (inhalation, vapours, rat): 5 mg/l/4 h

Corrosion/irritation:

Skin: non-irritant (rabbit)

Eye: non-irritant (rabbit)

Sensitization:

Skin: sensitising (guinea pig)

Germ cell mutagenicity: in vitro/in vivo test: both negative.

Carcinogenicity: classification criteria not met.

Reproductive toxicity: classification criteria not met.

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:

Inhalation: not expected.

Skin: dry skin.

Eye: tearing, redness.

Ingestion: digestive complaints (nausea, vomiting, diarrhoea).

Acute effects:

Inhalation: not expected.

Skin: hypersensitivity (sensitization) cannot be excluded.

Eye: irritation.

Ingestion: not expected.

Chronic effects:

Inhalation: not expected.

Skin: hypersensitivity (sensitisation) cannot be excluded.

Eye: not expected.

Ingestion: not expected.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Causes serious eye irritation.

Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (TMAD). May produce an allergic reaction.

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: Does not contain endocrine disruptors.

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:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3):

LC₅₀ (Danio rerio): 7.1 mg/l/96 h

EC₅₀ (Daphnia magna): 7.4 mg/l/48 h

ErC₅₀ (Desmodesmus subspicatus): 27.7 mg/l

NOEC (Oncorhynchus mykiss): 0.14 mg/l/28 days

NOEC (Daphnia magna): 0.72 mg/l/21 days

Amides, C8-18 (even numbered) and C18-unsaturated, N,N-bis(hydroxyethyl) (CAS: 68155-07-7):

LC₅₀ (Oncorhynchus mykiss): 2.4 mg/l/96 h

EC₅₀ (Daphnia magna): 3.2 mg/l/48 h

ErC₅₀ (Desmodesmus subspicatus): 23.4 mg/l

NOEC (Oncorhynchus mykiss): 0.32 mg/l/28 days

NOEC (Daphnia magna): 0.07 mg/l/21 days

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (CAS: 5395-50-6):

LC50 (Danio rerio): 17.6 mg/l/96 h

EC50 (Daphnia magna): 38,9 mg/l/48 h

ErC50 (Desmodesmus subspicatus): 8,5 mg/l

NOEC (Daphnia magna): 11.2 mg/l/21 days

12.2. Persistence and degradability:

Information about the components:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3):

In half-life (dissipation) air: not applicable.

Biodegradability: rapidly biodegradable.

Amides, C8-18 (even numbered) and C18-unsaturated, N,N-bis(hydroxyethyl) (CAS: 68155-07-7):

Half-life (dissipation) in air DT50: 0.5129 days

Biodegradability: rapidly biodegradable.

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (CAS: 5395-50-6):

Half-life in water: 0.04-0.15 days (depending on pH).

Biodegradability: rapidly biodegradable.

12.3. Bioaccumulative potential:

Based on the available log Kow (log octanol/water partition coefficients) and BCF (bioconcentration factors), no bioaccumulation is expected.

Information about the components:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3):

log Kow: 0.3

Amides, C8-18 (even numbered) and C18-unsaturated, N,N-bis(hydroxyethyl) (CAS: 68155-07-7):

BCF: 65.36

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (CAS: 5395-50-6):

BCF: 1.41

12.4. Mobility in soil:

The ingredients may enter groundwater, so the mixture must not be allowed to enter surface and ground water or sewers.

Information about the components:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS: 68891-38-3):

Koc: 2.2

Amides, C8-18 (even numbered) and C18-unsaturated, N,N-bis(hydroxyethyl) (CAS: 68155-07-7):

Koc: 243 (estimated)

12.5. Results of PBT and vPvB assessment:

The ingredients of the product do not meet the criteria for PBT or vPvB substances.

12.6. Endocrine disrupting properties:

Endocrine disrupting property: Does not contain endocrine disruptors.

12.7. Other adverse effects:

No data available.

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.

It can be disposed of by incineration.

Recommendation:

Type of waste (Regulation (EU) No 1357/2014):

HP 4 Irritant — skin irritation and eye damage

List of Waste Code:

07 06 01* aqueous washing liquids and mother liquors

*: Hazardous waste.

13.1.2. Information regarding the disposal of the packaging:

Dispose of in accordance with applicable regulations.

It can be disposed of by re-use.

Recommendation:

List of Waste Code:

15 01 10* packaging containing residues of or contaminated by hazardous substances

*: Hazardous waste.

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:**
No data available.

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 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:**
No relevant information available.
- 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)

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

- 15.2. **Chemical safety assessment:** Has not been carried out.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet: No information.

Literature references / data sources:

Safety data sheet issued by the manufacturer (12. 10. 2022, version 1, HU)

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

Classification	Method
Serious eye damage/eye irritation, Hazard Category 2 – H319	Based on calculation method

Relevant hazard statements (code and full text) of Sections 2 and 3:

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious eye damage.

H319 – Causes serious eye irritation.

H411 – Toxic to aquatic life with long lasting effects.

H412 – Harmful to aquatic life with long lasting effects.

EUH 208 – Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (TMAD). May produce an allergic reaction.

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.

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.

LC50: Lethal concentration resulting in 50 % mortality.

LD50: 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 and 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.