

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.02.2020

Version number 2001

Revision: 24.02.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **HIT-FLON 2000**

Article number: 5140-0872

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

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC9a Coatings and paints, thinners, paint removers

Process category PROC5 Mixing or blending in batch processes

Environmental release category ERC2 Formulation into mixture

Application of the substance / the mixture Release- and Lubricant agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Huth & Söhne
Sonnen Straße 18
82266 Inning

Phone: +49 (0)8143/997370

Fax:

+49 (0)8143/997371

Email: huthundsoehne@gmx.de

Further information obtainable from:

Environment protection department

1.4 Emergency telephone number:

+49 (0) 8143/99 73 70

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms

The product is classified and labelled according to the CLP regulation.



GHS02 GHS07 GHS09

Signal word

Danger

Hazard-determining components of labelling:

Naphtha(Erdöl), mit Wasserstoff behandelt leicht pentane

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Active substance with propellant

Dangerous components:

CAS: 106-97-8	butane (containing ≤ 0,1 % butadiene (106-99-0))	25 – 50%
EINECS: 203-448-7	⚠ Flam. Gas 1, H220; Press. Gas (Comp.), H280	
EINECS: 265-151-9	Naphtha(Erdöl), mit Wasserstoff behandelt leicht	25 – 50%
	⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	

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CAS: 74-98-6 EINECS: 200-827-9	propane ⚠ Flam. Gas 1, H220; Press. Gas (Comp.), H280	10 – 25%
CAS: 67-64-1 EINECS: 200-662-2	acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2.5 – 10%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2.5 – 10%

. Additional information:

Cyclohexane is a part of the hydrocarbon mixture. n-Hexane is a part of the hydrocarbon mixture.

Above mentioned components with concentration limits from zero percent are replaceable substances among one another and they will be used depending on their availability. Both only one and a mixture of these components can be contained in this product. For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

. General information:

Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours. Remove soiled, soaked clothing immediately.

After inhalation

Move subject to fresh air and keep him calm. See a physician.

Supply fresh air; consult doctor in case of complaints.

. After inhalation:

. After skin contact:

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

Wash with water and soap and rinse thoroughly

Rinse opened eye for several minutes under running water.

. After eye contact:

. After swallowing:

Rinse out mouth.

4.2 Most important symptoms and effects, both acute and delayed

Dizziness

Dizziness

. Hazards

Danger of pulmonary oedema.

Danger of impaired breathing.

Danger of pneumonia.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

. Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

CO2, sand, extinguishing powder. Do not use water.

. For safety reasons unsuitable extinguishing agents:

Full jet water

Water

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

. Protective equipment:

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Open and handle receptacle with care.

. Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

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Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray onto a naked flame or any incandescent material.

7.2 Conditions for safe storage, including any incompatibilities

. Storage:

. Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

. Information about storage in one common storage facility:

Store away from foodstuffs.

. Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

. Additional information about design of technical facilities:

No further data; see item 7.

8.1 Control parameters

. Ingredients with limit values that require monitoring at the workplace:

EC No. 921-024-6

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

AGW 600 mg/m³, TRGS 900**CAS: 106-97-8 butane (containing ≤ 0,1 % butadiene (106-99-0))**

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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CAS: 67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
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CAS: 67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
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. DNELs

CAS: 67-64-1 acetone

Oral	DNEL Long-term - systemic effects	62 mg/kg bw/day (general (Allgemeinbevölkerung))
Dermal	DNEL Long-term - systemic effects	62 mg/kg bw/day (general (Allgemeinbevölkerung)) 186 mg/kg bw/day (Workers (Arbeitnehmer))
Inhalative	DNEL Acute - local effects	2,420 mg/m ³ (Workers (Arbeitnehmer))
	DNEL Long-term - systemic effects	200 mg/m ³ (general (Allgemeinbevölkerung)) 1,210 mg/m ³ (Workers (Arbeitnehmer))

CAS: 67-63-0 propan-2-ol

Oral	DNEL Long-term - systemic effects	26 mg/kg bw/day (general (Allgemeinbevölkerung))
Dermal	DNEL Long-term - systemic effects	319 mg/kg bw/day (general (Allgemeinbevölkerung)) 888 mg/kg bw/day (Workers (Arbeitnehmer))
Inhalative	DNEL Long-term - systemic effects	89 mg/m ³ (general (Allgemeinbevölkerung)) 500 mg/m ³ (employee / Arbeitnehmer) 500 mg/m ³ (Workers (Arbeitnehmer))

. PNECs

CAS: 67-64-1 acetone

PNEC Soil (Boden)	29.5 mg/kg ()
PNEC fresh water sediment (Süßwassersediment)	30.4 mg/kg ()
PNEC fresh water (Süßwasser)	10.6 mg/l ()
PNEC marine water sediment	14 mg/kg ()
PNEC Marine water	1.06 mg/l ()
PNEC-STP	100 mg/l ()

CAS: 67-63-0 propan-2-ol

PNEC Soil (Boden)	28 mg/kg
PNEC fresh water sediment (Süßwassersediment)	552 mg/kg
PNEC fresh water (Süßwasser)	140.9 mg/l
PNEC marine water sediment	552 mg/kg
PNEC Marine water	140.9 mg/l
PNEC-STP	2,251 mg/l

. Additional information:

The lists valid during the making were used as basis.

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8.2 Exposure controls

. Personal protective equipment:
 . General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work.
 Avoid contact with the skin.
 Avoid contact with the eyes and skin.

. Respiratory protection:
 . Protection of hands:

Not required.
 Solvent resistant gloves
 Protective gloves
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

. Material of gloves

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

. Penetration time of glove material

Nitrile rubber, NBR
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Value for the permeation: Level \leq 0,7 mm 480min (8h) EN374
 The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

. Eye protection:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form: Aerosol

Colour: Whitish

. Odour: Characteristic

. Odour threshold: Not determined.

. pH-value: Not determined.

. Change in condition

Initial boiling point and boiling range: -44.5 °C

. Flash point: -97 °C

. Flammability (solid, gas): Not applicable.

. Ignition temperature: 250 °C

. Decomposition temperature: Not determined.

. Auto-ignition temperature: Product is not selfigniting.

. Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

. Explosion limits:

Lower: 1.5 Vol %

Upper: 10.9 Vol %

. Vapour pressure at 20 °C: 8,300 hPa

. Density at 20 °C: 0.6844 g/cm³

. Relative density: Not determined.

. Vapour density: Not determined.

. Evaporation rate: Not applicable.

. Solubility in / Miscibility with water:

Not miscible or difficult to mix.

. Partition coefficient: n-octanol/water: Not determined.

. Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

. Solvent content:

Organic solvents: 74.2 %

Solids content: 0.0 %

9.2 Other information

No further relevant information available.

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SECTION 10: Stability and reactivity

- . **10.1 Reactivity** No further relevant information available.
- . **10.2 Chemical stability**
- . Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:** Hazardous thermal decomposition products may include: Formaldehyde, Carbon dioxide, Carbon monoxide, Methanol

SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . Acute toxicity Based on available data, the classification criteria are not met.

. LD/LC50 values relevant for classification:

Naphtha(Erdöl), mit Wasserstoff behandelt leicht

Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rabbit)
Inhalative	LC50/4h	> 20 mg/l (rat)

CAS: 67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	> 15,688 mg/kg (rabbit)
Inhalative	LC50/4h	76 mg/l (rat)

CAS: 67-63-0 propan-2-ol

Oral	LD50	5,840 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	12,870 mg/kg (rab) (Acute Dermal Toxicity)
Inhalative	LC50/4h	72.6 mg/l (rat)
	LC50/6h	> 25 mg/l (rat) (Acute Inhalation Toxicity)

. Primary irritant effect:

. Skin corrosion/irritation

CAS: 67-63-0 propan-2-ol

Ätz-/Reizwirkung auf die Haut (4h) (rabbit) (Acute Dermal Irritation/Corrosion)

Causes skin irritation.

. Serious eye damage/irritation

CAS: 67-64-1 acetone

Schwere Augenschädigung/-reizung (rabbit) (Acute Eye Irritation/Corrosion)

CAS: 67-63-0 propan-2-ol

Schwere Augenschädigung/-reizung (rabbit) (Acute Eye Irritation/Corrosion)

Based on available data, the classification criteria are not met.

. Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

. Additional toxicological information:

CAS: 67-63-0 propan-2-ol

NOAEL, maternal	400 mg/kg KG/day (rat)
NOAEL, parents	500 mg/kg KG/day (Two-Generation Reproduction Toxicity)
	853 mg/kg KG/day (rat) (One-Generation Reproduction Toxicity Study)

. CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

. 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

CAS: 67-63-0 propan-2-ol

Oral NOAEL, Parents 500 mg/kg (rat) (Two-Generation Reproduction Toxicity)

Based on available data, the classification criteria are not met.

. STOT-single exposure

May cause drowsiness or dizziness.

. STOT-repeated exposure

CAS: 67-63-0 propan-2-ol

STOT RE mg/kg/day (rat)

Based on available data, the classification criteria are not met.

. Aspiration hazard

May be fatal if swallowed and enters airways.

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SECTION 12: Ecological information

12.1 Toxicity

Naphtha(Erdöl), mit Wasserstoff behandelt leicht

Bacteria ISO 8192 | > 10 – 100 mg/l (Bacteria)

Aquatic toxicity:

CAS: 106-97-8 butane (containing ≤ 0,1 % butadiene (106-99-0))

EC50 (96h) | 7.71 mg/l (Algae)

LC50 (96h) | 27.98 mg/l (Fisch)

Naphtha(Erdöl), mit Wasserstoff behandelt leicht

EC50 (48h) | > 1 – 10 mg/l (Eudiaptomus padanus ssp. - Krustazeen)

LC50 (96h) | > 1 – 10 mg/l (Fish)

ErC50 (96h) | > 10 – 100 mg/l (Algae)

CAS: 74-98-6 propane

EC50 (96h) | 7.71 mg/l (Algae)

LC50 (96h) | 27.98 mg/l (Fisch)

CAS: 67-64-1 acetone

EC50 (48h) | > 100 mg/l (daphnia magna/gr. Wasserfloh) (Daphnia sp. Acute Immobilisation Test)

EC50 (96h) | 8,300 mg/l (Lepomis macrochirus)

7,500 mg/l (Selenastrum capricornutum)

LC50 (96h) | 7,500 mg/l (Leuciscus idus (Goldorfe))

6,500 mg/l (Oncorhynchus mykiss)

8,120 mg/l (Pimephales promelas (fettköpf. Ellritze)) (Fish, Acute Toxicity Test)

CAS: 67-63-0 propan-2-ol

EC50 | > 100 mg/l (Bacteria)

EC50 (48h) | > 100 mg/l (daphnia magna/gr. Wasserfloh)

EC50 (72h) | > 100 mg/l (Scenedesmus subspicatus)

EC50 (96h) | > 1,000 mg/l (Scenedesmus subspicatus) (Freshwater Alga and Cyanobacteria, Growth Inhibiti)

LC50 (24h) | 9,714 mg/l (daphnia magna/gr. Wasserfloh) (Daphnia sp. Acute Immobilisation Test)

9,640 mg/l (Pimephales promelas (fettköpf. Ellritze)) (Fish, Acute Toxicity Test)

LC50 (48h) | > 100 mg/l (Leuciscus idus (Goldorfe))

LC50 (96h) | > 9,640 – 10,000 mg/l (Pimephales promelas (fettköpf. Ellritze)) (Fish, Acute Toxicity Test)

LOEC (8d) | 1,000 mg/l (Algae)

EC50 (3h) | > 1,000 mg/l (activated sludge) (Mikroorganismen/Wirkung auf Belebtschlamm)

NOEC (21d) | 30 mg/l (daphnia magna/gr. Wasserfloh) (Daphnia magna Reproduction Test)

NOEC (96h) | 1,000 mg/l (Scenedesmus subspicatus) (Freshwater Alga and Cyanobacteria, Growth Inhibiti)

CAS: 75-28-5 isobutane (containing ≤ 0,1 % butadiene (106-99-0))

EC50 (96h) | 7.71 mg/l (Algae)

LC50 (96h) | 27.98 mg/l (Fisch)

CAS: 74-84-0 ethane

EC50 (96h) | 7.71 mg/l (Algae)

LC50 (96h) | 27.98 mg/l (Fisch)

12.2 Persistence and degradability

CAS: 67-64-1 acetone

Biodegradability | 81 – 92 % (aerob) ((Derterm. of the "Ready" Biodegr. Closed Bottle))

CAS: 67-63-0 propan-2-ol

Biodegradability 30d | 70 – 84 % (aerob) ((Derterm. of the "Ready" Biodegr. Closed Bottle))

12.3 Bioaccumulative potential

CAS: 67-64-1 acetone

Log Kow | 0.24

CAS: 67-63-0 propan-2-ol

Log Pow | 0.05

12.4 Mobility in soil

No further relevant information available.

Ecotoxicological effects:

Remark:

Toxic for fish

Additional ecological information:

General notes:

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT:

Not applicable.

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. vPvB: Not applicable.
 . **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

. **13.1 Waste treatment methods**
 . Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

. European waste catalogue

HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

. Uncleaned packaging:
 . Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

. **14.1 UN-Number**
 . ADR, IMDG, IATA UN1950

. **14.2 UN proper shipping name**
 . ADR 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
 . IMDG AEROSOLS
 . IATA AEROSOLS, flammable

. **14.3 Transport hazard class(es)**

. ADR



. Class 2 5F Gases.
 . Label 2.1

. IMDG, IATA



. Class 2.1
 . Label 2.1

. **14.4 Packing group**
 . ADR, IMDG, IATA Void

. **14.5 Environmental hazards:**
 . Marine pollutant: Yes
 . Special marking (ADR): Symbol (fish and tree)

. **14.6 Special precautions for user**
 . Danger code (Kemler): -
 . EMS Number: F-D,S-U
 . Stowage Code SW1 Protected from sources of heat.
 SW22 For AEROSOLS with a maximum capacity of 1 litre:
 Category A. For AEROSOLS with a capacity above 1 litre:
 Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
 SG69 For AEROSOLS with a maximum capacity of 1 litre:
 Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
 For AEROSOLS with a capacity above 1 litre:
 Segregation as for the appropriate subdivision of class 2.
 For WASTE AEROSOLS:
 Segregation as for the appropriate subdivision of class 2.

. **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
 Not applicable.

. Transport/Additional information:

. ADR
 . Limited quantities (LQ) 1L
 . Excepted quantities (EQ) Code: E0
 Not permitted as Excepted Quantity
 . Transport category 2
 . Tunnel restriction code D

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. IMDG	1L
. Limited quantities (LQ)	Code: E0
. Excepted quantities (EQ)	Not permitted as Excepted Quantity
. UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

- . Directive 2012/18/EU
 - . Named dangerous substances - ANNEX I
 - . Seveso category
 - . Qualifying quantity (tonnes) for the application of lower-tier requirements
 - . Qualifying quantity (tonnes) for the application of upper-tier requirements
 - . REGULATION (EC) No 1907/2006 ANNEX XVII
 - . **15.2 Chemical safety assessment:**
- | | |
|--|--|
| None of the ingredients is listed. | |
| P3a FLAMMABLE AEROSOLS | |
| E2 Hazardous to the Aquatic Environment | |
| 150 t | |
| 500 t | |
| Conditions of restriction: 3 | |
| A Chemical Safety Assessment has not been carried out. | |

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- . Department issuing SDS: Environment protection department.
- . Contact: M.Huth
- . Abbreviations and acronyms:
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - DNEL: Derived No-Effect Level (REACH)
 - PNEC: Predicted No-Effect Concentration (REACH)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - Flam. Gas 1: Flammable gases – Category 1
 - Aerosol 1: Aerosols – Category 1
 - Press. Gas (Comp.): Gases under pressure – Compressed gas
 - Flam. Liq. 2: Flammable liquids – Category 2
 - Skin Irrit. 2: Skin corrosion/irritation – Category 2
 - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 - Asp. Tox. 1: Aspiration hazard – Category 1
 - Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

- . * Data compared to the previous version altered.