

5. FIRE-FIGHTING MEASURES

- 5.1. Suitable extinguishing media:
Water fog, carbon dioxide, foam, dry chemicals.
- 5.2. Extinguishing media to avoid:
Water.
- 5.3. Further information:
Keep containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

- Wear adequate personal protective equipment, see section 8 (exposure control / personal protection).
- Spills should be contained by and carried with suitable absorbent material and removed from disposal.
- Dispose of according to local and national regulations.
- Prevent from entering into soil, waterways and groundwater.

7. HANDLING AND STORAGE

- 7.1. Handling
Avoid eye and skin contact. Wash hands and exposed skin before eating, drinking or smoking and after work. Use only in a well ventilated area. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided. Wear suitable protective clothing, gloves and eye/face protection. Do not consume or store food in the working area.
- 7.2. Storage
Keep containers tightly closed. Store in a well ventilated, cool, dry area. Take measures to prevent electrostatic charging.
Explosible with air in a vaporous/gaseous state.
Storage class : 3A (VCI storage system), Vbf A II

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. Exposure limit values (INGREDIENTS INFORMATION)
MIXTURE OF HYDROCARBONS, FREE OF AROMATES
MAK (Deutschland, TRGS 900) = 200 ppm - 1000 mg/m³
OCTAN
MAK (Deutschland, TRGS 900) = 2350 mg/m³ - 500 ml/m³
TLV-TWA = NA
1-OCTYL-2-PYRROLIDONE
MAK (Deutschland, TRGS 900) = NAV
TLV-TWA = NAV
- 8.2. Exposure controls
Respiratory protection: no respiratory protection needed under normal conditions. Good ventilation should be sufficient.
Hand protection: use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the material : nitrile rubber.
Eye protection: use chemical safety goggles. Eye wash fountain should be located in immediate work area.
Other: appropriate protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Colour	: Yellow
Odour	: Typical
Boiling point/range	: 145-200°C
Melting point/range	: <-20°C
Flash point °C	: 45
Autoignition temperature	: >200 °C
Explosive limit lower	: 0,6 vol %
Explosive limit upper	: 7 vol %
Vapour pressure (20°C)	: 0,21 kPa
Density (20°C) Kg/L	: 0,775
Solubility in water (25°C)	: Emulsifiable with water

10. STABILITY AND REACTIVITY

- 10.1. Conditions to avoid
Heating.
The product is stable under normal storage conditions.
- 10.2. Materials to avoid
Keep away from oxidising material(s).
- 10.3. Hazardous decomposition products
Formation of CO₂ and CO fumes is possible.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (INGREDIENTS INFORMATION)
MIXTURE OF HYDROCARBONS, FREE OF AROMATES
LD50 (Oral Rat) = NA
OCTAN
LD50 (Oral Rat) = NA
LD50 (Dermal rabbit) = NA
1-OCTYL-2-PYRROLIDONE
LD50 (Oral Rat) = 2050 mg/kg
LD50 (Dermal rabbit) = > 2000 mg/kg

Skin contact
Repeated exposure may cause skin dryness or cracking.
Further information
Harmful: may cause lung damage if swallowed.

12. ECOLOGICAL INFORMATION

- 12.1. Ecotoxicity (INGREDIENTS INFORMATION)
MIXTURE OF HYDROCARBONS, FREE OF AROMATES
LC50 (Fish, 96 hours) = NA
OCTAN
LC50 (Fish, 96 hours) = NA
1-OCTYL-2-PYRROLIDONE
LC50 (Zebra fish, 96h) = < 46 mg/L
- 12.2. Mobility
not known
- 12.3. Persistence and Degradability
not known
- 12.4. Bioaccumulative potential
not known
- 12.5. Other adverse effects

13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations. Containers must be disposed of in accordance with local regulations.
EWC: 07 06 04 Other organic solvents, cleaning agents and mother liquor.

14. TRANSPORT INFORMATION

UN N° : 3295 PSN : HYDROCARBONS, LIQUID, N.O.S.
(Isodecanes/n-decane)

ADR/RID

Class:3 labels :3 Pack. Group:III
Code :F1 TREMcard :3.3295E-301 Spec. Prov.:-
Pack. Inst.:P001,IBC03,LP01,R001 Lim. Quant.:LQ7

IMDG

Class:3 Subs. Risk :NA Pack. Group:III
EmS fire:F-E EmS Storage:S-D IBC. Inst. :IBC03
Pack. Inst.:P001,LP01 Lim. Quant.:5L Mar.Poll:N

ICAO/IATA

Class:3 Subs. Risk :NA Pack. Group:III
Passenger and Cargo Aircraft. Pkg Inst:309 Max Net Qty/Pkg:60L
Cargo Aircraft Only . Pkg Inst:310 Max Net Qty/Pkg:220L
Ltd Qty . Pkg Inst:10L Max Net Qty/Pkg:Y309

15. REGULATORY INFORMATION

EU Classification and User Label Information:

Contains : MIXTURE OF HYDROCARBONS, FREE OF AROMATES

Symbol(s) : Xn

R(isk) phrase(s) :

R10 : Flammable.
R65 : Harmful: may cause lung damage if swallowed.
R66 : Repeated exposure may cause skin dryness or cracking.

S(afety) phrase(s) :

S23 : Do not breathe vapour.
S24 : Avoid contact with skin.
S62 : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Other information :

Nota P (2001/58/EC) : < 0,1 % Benzene (CAS 71-43-2, EC 200-753-7)

Explosible with air in a vaporous/gaseous state.

WGK: 1

BAG T n° (CH): 610 200

Toxicity class (CH): Frei

16. OTHER INFORMATION

The use of the preparation is restricted to professional users|
The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

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Nav : Not available NA : Not applicable

RISK PHRASES MENTIONED IN PARAGRAPH 2:

R10 : Flammable.
R11 : Highly flammable.
R34 : Causes burns.
R38 : Irritating to skin.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 : Harmful: may cause lung damage if swallowed.
R66 : Repeated exposure may cause skin dryness or cracking.
R67 : Vapours may cause drowsiness and dizziness.