

VR1379

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Trade name : 100-VR-1379

Product identification : Organic solvent or solvent mixture

2. HAZARDOUS INGREDIENTS

Ingredient	CAS-Nr.	Concentration[%]	Symbol	R-phrased(for 100%)
Tributylphosphate	126-73-8	5 ... 10	Xn	22
Solvent naphta	64742-95-6	20 ... 50	Xn N	10-51/53-65
i-Propylbenzene	98-82-8	1 ... 5	Xi	10-37
Mesitylene	108-67-8	5 ... 10	Xi	10-37-51/53
Xylene	1330-20-7	1 ... 5	Xn	10-20/21-38
Trimethylbenzene (1.2.4-)	95-63-6	20 ... 50	Xn	10-20-36/37/38-51/53

3. HAZARDS IDENTIFICATION

Human health (See also section #15)

- Inhalation : Excessive breathing of vapours has narcotic effects, may cause drowsiness.
- Skincontact: Degreasing effects. Prolonged or repeated contact may cause inflammation.
- Eyecontact : Irritation of eyes, especially during direct contact.
- Swallowing : May cause lung damage if swallowed

Environment : Harmful for aquatic environment.

In case of fire may be formed: carbonmonoxide/carbondioxide

4. FIRST AID MEASURES

Inhalation : Take victim to fresh air. Remove contaminated clothing.

Skincontact: Dab with soft tissue and wash with plenty of water and soap.  
 Do not use any organic solvent.

Eyecontact : Immediately rinse with plenty of water, keep eyelid lifted.  
 In case of irritation see physician.

Swallowing : On vomiting lie person on their side and keep respiratory tract free. See physician. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing media: Foam, carbondioxide, waterspray

Unsuitable media: Waterjet

Hint : Do not allow extinguishing agent to soak into soil.

Take measures to collect contaminated firefighting agents.

Do not breathe vapours/fumes - use self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Person : Avoid contact with skin, eyes and clothes. Remove sources of ignition. Proper ventilation of workplace.  
Environment : Prevent material to enter soil, drains or water courses.  
Spill control: Absorb with sand, kieselguhr or other inert material.  
For disposal fill in adequate containers and handle as special waste. See also section #13.

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## 7. HANDLING AND STORAGE

Handling : Avoid release of vapours. Be sure to apply good room ventilation . Do not eat, drink or smoke at the workplace.  
Storage : Keep container well closed after use. Avoid frequent warming above 50 °C.  
Hints : Product is flammable and can form combustible mixtures with air. Avoid electrostatic charging of container.

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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure : Install proper room ventilation in working- and storage area.  
Respiratory : No special requirements with good room ventilation.  
Eyes : When splashes may occur (pouring material into an other container) wear splash proof goggles.  
Skin : Apply mild handcream. Use suitable protective gloves. (i.e. neoprene or polyvinyl alcohol)  
General : When handling the product wear usual protective work clothes.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

pH-Value.....: n.a.  
Appearance.....: liquid  
Boilingpoint at.....[°C]: 155.0  
Odour.....: characteristic  
Flashpoint at.....[°C]: 25 (closed cup)  
Shade.....: -  
Ignitiontemperature at.....[°C]: 400  
Supporting fire.....: by solvents  
Lower explosion limit.....[Vol%]: 0.8  
Upper explosion limit.....[Vol%]: 7.0  
Solubility in water.....: 0% fully soluble components  
Viscosity.....: 12sec in DIN-4-cup  
Vapour pressure.....[mbar]: 2.8 (most volatile component)  
Density.....[g/ml at 20°C]: 1.00

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## 10. STABILITY AND REACTIVITY

Elevated temperature in the container may cause combustion.  
(Increase of vapour pressure).  
Direct contact with oxidants will yield decomposition/inflammation, liberating gases. Dangerous decomposition products: see #3.

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## ===== 11. TOXICOLOGICAL INFORMATION

Ingredient	CAS-Nr.	Concentration[%]	MAK-Value [ppm]
Tributylphosphate	126-73-8	5 ... 10	n.b.
Solvent naphta	64742-95-6	20 ... 50	50
i-Propylbenzene	98-82-8	1 ... 5	20
Mesitylene	108-67-8	5 ... 10	20
Xylene	1330-20-7	1 ... 5	100
Trimethylbenzene (1.2.4-)	95-63-6	20 ... 50	20

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Excessive vapour concentration may yield narcotic effects.
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## 12. ECOLOGICAL INFORMATION

Biological degradability exists for some components of the product.

Do not allow product to enter drains, groundwater or water courses.

Contains: Solvent naphta, R10-51/53-65

Contains: Trimethylbenzene (1.2.4-), R10-20-36/37/38-51/53
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## 13. DISPOSAL CONSIDERATIONS

EWC-Disposalcode (Other solvents and solventmixtures ): 14 01 03 / proposal

Liquid remainder is special waste. Do not dispose together with normal domestic waste. See local regulations.

Send via licensed waste handler to dump, incineration or redistillation in accordance with local regulations.

Dry remainders may be disposed as domestic waste.

Emptied, cleaned and dry containers can be recycled.
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## 14. TRANSPORT INFORMATION

VbF: Gefahrklasse A II

ADR/GGVS: class 3 / no. 31c, ADR

ADR/GGVS: 1263, paint related material. Contains: Xylene

UN/ID : 1263

IMDG: class 3.3

Marinepollutant: P -Solvent naphta-

EMS-Nr: 3-05

MFAG : 330

IATA: class 3
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## 15. REGULATORY INFORMATION

Flammability.....: R 10: Flammable

Health risk.....: Xn Harmful

Contains: Solvent naphta Trimethylbenzene (1.2.4-)

## R-phrases:

R 20: Harmful by inhalation

R 36: Irritating to eyes

R 37: Irritating to respiratory system

R 38: Irritating to skin

R 65: May cause lung damage if swallowed

## S-phrases:

S7/9: Keep container tightly closed and in a well-ventilated place

S 16: Keep away from sources of ignition - No smoking

S 29: Do not empty into drains

S 35: This material and its container must be disposed of in a safe way

## TA-air :

0 % class I

&gt; 50 % class II

0 % class III

WGK (VwVwS): 2

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## 16. OTHER INFORMATION

Contents of organic solvents at 100 %

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## Explanation:

n.a. = not applicable

n.b. = not known

n.m. = not measurable

\* = for organic solvents

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