

Safety Data Sheet

according to 29 CFR 1910.1200(g)

HDS 400

Print date: 16.08.2016

Product code: 55

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5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

Can be released in case of fire:

Carbon dioxide (CO₂).Nitrogen oxides (NO_x).**Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

Large quantities remove mechanically.

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Avoid oil mist

Direct contact with skins avoid.

When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

High slip hazard because of leaking or spilled product.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Recommended storage temperature: 5-40 °C

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Maximum period of storage (time): 3 Jahre / Years / Jaar

8. Exposure controls/personal protection**Control parameters****Exposure controls****Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.

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Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing.
Set out skin protection guidelines.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: liquid
Color: amber coloured
Odor: characteristic

Test method

Changes in the physical state

Flash point: >180 °C DIN EN 57
Lower explosion limits: 0,6 vol. %
Upper explosion limits: 6,5 vol. %
Density (at 20 °C): 0,90 g/cm³ EN ISO 12185
Viscosity / kinematic:
(at 40 °C) 85 mm²/s ASTM D 7042

10. Stability and reactivity

Conditions to avoid

heat.

Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

Hazardous decomposition products

Hazardous decomposition products:

11. Toxicological information

Information on toxicological effects

Acute toxicity

CAS No	Components			
	Exposure route	Dose	Species	Source
78-42-2	tris(2-ethylhexyl) phosphate			
	oral	LD50 37000 mg/kg	RAT	
	dermal	LD50 20000 mg/kg	RABBIT	

Additional information on tests

No risks worthy of mention. Practical experience.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

12. Ecological information

Mobility in soil

in delivery condition: liquid

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13. Disposal considerationsWaste treatment methods**14. Transport information****Marine transport (IMDG)****Other applicable information**

Not restricted

Air transport (ICAO)**Other applicable information**

Not restricted

15. Regulatory informationU.S. Regulations**National regulatory information**

SARA Section 311/312 Hazards:

tris(2-ethylhexyl) phosphate (78-42-2): Immediate (acute) health hazard

State Regulations**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information**Hazardous Materials Information Label (HMIS)**

Health: 0

Physical Hazard: 0

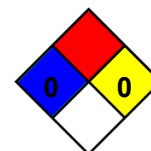
NFPA Hazard Ratings

Health: 0

Flammability: 0

Reactivity: 0

Unique Hazard:

**Changes**

Revision date: 16.08.2016

Revision No: 1,02

This data sheet contains changes from the previous version in section(s): 1.

Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)