

Naftonox 2246

Version: 3 . 24.06.2004

Print Date 29.06.2004

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

English

Product information

Commercial Product Name Naftonox 2246

Recommended use:

Polymer stabilizer

Company: Chemetall GmbH
Trakehner Strasse 3
60487 Frankfurt a.M.Lead Organisation: Division Accelerators
Telephone: +49(0)69 7165-0
Telefax: +49(0)69 7165-3018
Emergency telephone number: +49(0)5326 51-0
Contact person:**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical characterization:**

powder

Hazardous components	CAS-No. EINECS-No. ELINCS-No.	Symbol(s)	R- phrase(s)	Concentration
6,6'-Di-tert-butyl-2,2'-methylendi-p-kresol	119-47-1 204-327-1		R53	100.00 %

3. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

R53 May cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES**Eye contact:**

Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Skin contact:

Wash off with soap and plenty of water.

Inhalation:

Move to fresh air. If symptoms persist, call a physician.

Ingestion:

Rinse mouth. Consult a physician.

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5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting:

May form toxic gases on heating or in case of fire.

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus.

Suitable extinguishing media:

carbon dioxide (CO₂), dry powder, alcohol-resistant foam, water spray

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up:

Sweep up or vacuum up spillage and collect in suitable container for disposal.

Additional advice:

Avoid dust formation.

7. HANDLING AND STORAGE

Handling

Advice on protection against fire and explosion:

Take precautionary measures against static discharges. Take precautions against dust explosion. Keep away from sources of ignition - No smoking.

Storage

Requirements for storage areas and containers:

Keep tightly closed in a dry, cool and well-ventilated place. Keep away from heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection:

Dust mask recommended. Half mask with a particle filter P2 (EN 143).

Hand protection:

protective gloves, rubber gloves

Eye protection:

tightly fitting safety goggles

Skin and body protection:

lightweight protective clothing

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and immediately after handling the product. Do not breathe dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

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Form: powder
Colour: white
Odour: characteristic

Change in physical state

Melting point/range: 128 - 130 °C

Boiling point/range: 185 °C
at 0.07 hPa

Flash point: 198 °C

Ignition temperature: 355 °C

Vapour pressure: 0.00013 hPa
at 50 °C

Vapour pressure: 0.23 hPa
at 150 °C

Density: 1.04 g/cm³
at 20 °C

Bulk density: 300 kg/m³

Solubility/qualitative: ca. 360 g/l
Medium: Alcohol

Water solubility: < 0.01 g/l
at 20 °C

pH: 4 - 7
at: 10 g/l
at: 20 °C

Partition coefficient (n-octanol/water): log Pow: 7.4

10. STABILITY AND REACTIVITY**Hazardous decomposition products**

No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION**Acute oral toxicity:**

LD50 rat

Dose: > 2,000 mg/kg

Skin irritation:

Dust causes irritation to the eyes, skin and mucous membranes and may lead to toxic lung oedemas.

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12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability:

0 %

Testing period: 28 d

MITI-Test I

Toxicity to fish:

LC50

Dose: > 500 mg/l

Testing period: 48 h

Orizias latipes

Further information:

slightly water endangering

Further information:

May cause long-term adverse effects in the aquatic environment.

Further information:

Do not flush into surface water or sanitary sewer system.

13. DISPOSAL CONSIDERATIONS

Waste key for the unused product:

070108 other still bottoms and reaction residues

Product:

Dispose of in accordance with local regulations.

Contaminated packaging:

Dispose of as unused product.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

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R-phrase(s):	R53	May cause long-term adverse effects in the aquatic environment.
S-phrase(s):	S60	This material and its container must be disposed of as hazardous waste.

National legislation**Water contaminating class (Germany):**

WGK 1 : slightly water endangering

VwVwS 17.05.99

16. OTHER INFORMATION**Text of R phrases mentioned in Section 2+3****R53** May cause long-term adverse effects in the aquatic environment.**R53** May cause long-term adverse effects in the aquatic environment.

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.