

1. Product and Company Identification

Customer
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

2. Hazards Identification

Emergency number

WARNING:
CORROSIble LIQUID,
Harmful to skin rapidly and strongly,
Irritating to eyes and skin.

State of matter: liquid
Colour: colorless
Odour: characteristic

Potential health effects

Primary routes of exposure:
Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute toxicity:
Ingestion may cause gastrointestinal disturbances. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion:
Irritating to eyes, respiratory system and skin. Burns skin and eyelids within seconds.

Sensitization:
There is no evidence of a skin-sensitizing potential.

Chronic toxicity:

Carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

Reproductive toxicology: No reliable data was available concerning reproductive toxicology. Based on available data, the classification criteria are not met.

Reproductive toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

Teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

Genotoxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

Signs and symptoms of overexposure:
The most important known symptoms and effects are described in the labeling (see section 2) under the heading 11.

Potential environmental effects

Aquatic toxicity:
Based on available data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

Bioaccumulation / bioconcentration:
Discharge into the environment must be avoided.

3. Composition / Information on Ingredients

CAS Number	Content (g/g)	Chemical name
7093-85-0	80.0 - 100.0 %	2-phenyloxy acid, 2-(2-propoxy-ethyl) ester

4. First-Aid Measures

General advice:
First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:
If difficulties occur after vapour/inhalation has been inhaled, remove to fresh air and seek medical attention.

If on skin:
After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:
Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Notes to the user:
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidotes.

5. Fire-Fighting Measures

Flash point: 83 °C

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Flammability: not highly flammable

Suitable extinguishing media:
foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:
water jet

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Further information:
The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:
Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immediately. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:
Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:
For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.
For large amounts: Pump off product.

7. Handling and Storage

Handling

General advice:
Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Storage

General advice:
Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

8. Exposure Controls and Personal Protection

Components with occupational exposure limits

2-Propenoic acid, 2-cyano-, ethyl ester ACGIH TWA value 0.2 ppm ;

Personal protective equipment

Respiratory protection:
When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

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Hand protection:
Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:
Safety glasses with side-shields.

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14806 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:
Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form:	Liquid
Odour:	characteristic
Colour:	colourless
Melting temperature:	approx. -22 °C
Boiling temperature:	approx. 62 °C
Vapour pressure:	0.13 mmHg (20 °C)
Relative density:	1.05
Viscosity, kinematic:	approx. 40 mm ² /s (approx. 20 °C)
Solubility in water:	(20 °C) The substance / product polymerizes therefore not determined.
Miscibility with water:	(20 °C) Reacts with water.
Other information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Substances to avoid:
strong acids, strong bases, strong oxidizing agents, strong reducing agents

Hazardous reactions:
The product is stable if stored and handled as prescribed/indicated.

Decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

Corrosion to metals:
Corrosive effects to metal are not anticipated.

11. Toxicological Information

Other information:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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12. Ecological Information

Degradability / Persistence
Biological / Abiological Degradation

Evaluation: Inherently biodegradable

The insoluble fraction can be removed by mechanical means in suitable waste
water treatment plants.

Other adverse effects:

Ecological data are not available. Do not allow to enter soil, waterways or waste water channels.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. Residues should be disposed of in the same
manner as the substance/product. Do not discharge into drains/surfaces water/pipes/sewers.

Container disposal:

Contented packaging should be emptied as far as possible; then it can be passed on for recycling after
being thoroughly cleaned.

14. Transport Information

Land transport
USDOT

Classified as combustible liquid in containers greater than 119 gallons.

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status: TSCA, US released / listed

Chemical

OSHA hazard category: Chronic target organ effects reported; ACGIH TLV established; Combustible
Liquid

EPCRA 311/312 (hazard categories):

Acute: Chronic: Fire

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16. Other Information

HMS3 III rating
Health: 2 Flammability: 2 Physical hazard: 1

MSDS and SDS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the
substance poses no hazard, a rating of four indicates extreme danger. Although useful, the two rating
systems are not directly comparable. The MSDS system was developed to provide an up-
to-date alert to the hazards of a material, and that ability to communicate hazard information to employees who handle hazardous chemicals.

We support worldwide Responsible Care initiatives. We value the health and safety of our employees,
customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible
Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible
fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our
products, and minimizing the impact of our operations on society and the environment during production,
storage, transport, use and disposal of our products.

SDS Prepared by:
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SDS Prepared on: 2013/03/13

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