

Safety data sheet

BASE MORTAR LIQUID

Revision date : 2008/07/18
Version: 1.0

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(260137/MDS_GEN_US/EN)

1. Substance/preparation and company identification

Company

BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
64741-89-5	0.1 - 1.0 %	Distillates (petroleum), solvent-refined light paraffinic
64741-88-4	0.1 - 1.0 %	Distillates (petroleum), solvent-refined heavy paraffinic

3. Hazard identification

Emergency overview

WARNING: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
Ingestion may cause irritation to mucous membranes.
Avoid contact with the skin, eyes and clothing.
Wash thoroughly after handling.
Keep container tightly closed.

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 liquified gases.

Acute toxicity:

Information on: Distillates (petroleum), solvent-refined light paraffinic

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Virtually nontoxic after a single ingestion.

Virtually nontoxic after a single skin contact.

The inhalation of a highly enriched/saturated vapor-air-mixture represents a potential acute hazard.

Information on: Distillates (petroleum), solvent-refined heavy paraffinic

Harmful by inhalation.

Virtually nontoxic after a single ingestion.

Virtually nontoxic after a single skin contact.

Repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. The substance may cause damage to the central nervous system after repeated inhalation of high doses. The substance may cause damage to the lung after repeated inhalation of high doses.

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4. First-aid measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

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

If on skin:

Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

5. Fire-fighting measures

Flash point:

Not applicable

Autoignition:

No data available.

Lower explosion limit:

No data available.

Upper explosion limit:

No data available.

Suitable extinguishing media:

foam, water spray, dry extinguishing media

Unsuitable extinguishing media for safety reasons:

water jet

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, harmful vapours
Evolution of fumes/fog.

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. 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. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental precautions:

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

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Cleanup:

For small amounts: Pick up with suitable appliance and dispose of. Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust). 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 dusts/mists/vapours.

Protection against fire and explosion:

The substance/product is non-combustible. The product does not contribute to the spreading of flames, nor is it self combustible, not explosive. Take precautionary measures against static discharges.

Storage

General advice:

Containers should be stored tightly sealed in a dry place. Keep away from heat. Store protected against freezing. Keep only in the original container.

8. Exposure controls and personal protection

Components with workplace control parameters

Distillates (petroleum), solvent-refined light paraffinic	ACGIH	TWA value 5 mg/m3 Mist ; STEL value 10 mg/m3 Mist ;
Distillates (petroleum), solvent-refined heavy paraffinic	OSHA ACGIH	PEL 500 ppm 2,000 mg/m3 ; TWA value 5 mg/m3 Mist ; STEL value 10 mg/m3 Mist ;

Personal protective equipment

Respiratory protection:

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

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Impermeable protective clothing

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. 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).

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9. Physical and chemical properties

Form:	liquid	
Odour:	mild, acrylic-like	
Colour:	No data available.	
pH value:		No data available.
Boiling point:	100 °C	
Vapour pressure:		No data available.
Relative density:	1.2	
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Viscosity, dynamic:		No data available.
Solubility in other solvents:		soluble

10. Stability and reactivity

Hazardous reactions:

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

Decomposition products:

Hazardous decomposition products: carbon oxides

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Carcinogenicity:

Information on: Distillates (petroleum), solvent-refined heavy paraffinic
May cause cancer.

12. Ecological information

Environmental toxicity

Other ecotoxicological advice:

Ecological data are not available.

13. Disposal considerations

Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application.

Dispose of in accordance with national, state and local regulations.

Container disposal:

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

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14. Transport information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

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

OSHA hazard category:

effects reported

IARC 1, 2A or 2B carcinogen, NTP listed carcinogen, Chronic target organ

SARA hazard categories (EPCRA 311/312): Chronic

State regulations

State RTK

CAS Number

64741-89-5

64741-88-4

Chemical name

Distillates (petroleum), solvent-refined light paraffinic

Distillates (petroleum), solvent-refined heavy paraffinic

State RTK

MA

PA

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

16. Other information

HMIS III rating

Health: 1

Flammability: 0

Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR

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