

Safety data sheet

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BASF Safety data sheet

Date / Revised: 16.08.2016

Product: **MASTERKURE 402 CLEAR**

Version: 2.0

(30433612/SDS_GEN_AU/EN)

Date of print 17.08.2016

1. Substance/preparation and manufacturer/supplier identification

MASTERKURE 402 CLEAR

Use: Product for construction chemicals

Manufacturer/supplier:

BASF Australia Limited (ABN 62 008 437 867)

Level 12, 28 Freshwater Place Southbank

Victoria 3006, AUSTRALIA

Telephone: +61 3 8855-6600

Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]

BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

2. Hazard identification

Classification of the substance and mixture:

Aspiration hazard: Cat. 1

Flammable liquids: Cat. 3

Skin corrosion/irritation: Cat. 2

Germ cell mutagenicity: Cat. 1B

Carcinogenicity: Cat. 1B

Specific target organ toxicity — single exposure: Cat. 3 (Vapours may cause drowsiness and dizziness.)

Specific target organ toxicity — single exposure: Cat. 3 (irritating to respiratory system)

Hazardous to the aquatic environment - acute: Cat. 2

Hazardous to the aquatic environment - chronic: Cat. 2

Label elements and precautionary statement:

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Pictogram:



Signal Word:
 Danger

Hazard Statement:

Flammable liquid and vapour. Causes skin irritation. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. May cause respiratory irritation. May cause cancer. May cause genetic defects. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Avoid release to the environment. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment. Wash with plenty of water and soap thoroughly after handling. Ground/bond container and receiving equipment. Use only non-sparking tools.

Precautionary Statements (Response):

IF exposed or concerned: Call a POISON CENTER or doctor/physician. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Collect spillage. Do NOT induce vomiting. Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Precautionary Statements (Disposal):

Dispose of contents/container to hazardous or special waste collection point.

Other hazards which do not result in classification:

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/information on ingredients

Chemical nature

Preparation based on: organic solvent

Hazardous ingredients

Naphtha (petroleum), hydrodesulfurized heavy

Content (W/W): >= 50 % - <= 100 %	Asp. Tox.: Cat. 1
CAS Number: 64742-82-1	Flam. Liq.: Cat. 3
	Aquatic Chronic: Cat. 2

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| Solvent naphtha (petroleum), light arom.

Content (W/W): $\geq 10\%$ - $< 50\%$
CAS Number: 64742-95-6

Asp. Tox.: Cat. 1
Flam. Liq.: Cat. 3
Skin Corr./Irrit.: Cat. 2
Muta.: Cat. 1B
Carc.: Cat. 1B
STOT SE: Cat. 3 (drowsiness and dizziness)
STOT SE: Cat. 3 (irr. to respiratory syst.)
Aquatic Acute: Cat. 2
Aquatic Chronic: Cat. 2

4. First-Aid Measures

General advice:

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

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

On skin contact:

Wash thoroughly with soap and water. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

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

On ingestion:

Rinse mouth and then drink plenty of water. Do not induce vomiting due to aspiration hazard. Do not induce vomiting unless told to by a poison control center or doctor.

Note to physician:

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

dry powder, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Special protective equipment:

Wear a self-contained breathing apparatus.

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Further information:

The degree of risk is governed by the burning substance and the fire conditions. Containers may rocket or explode in heat of fire. Keep containers cool by spraying with water if exposed to fire. 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:

Use personal protective clothing. Avoid prolonged inhalation. Avoid contact with the skin, eyes and clothing. Avoid all sources of ignition: heat, sparks, open flame.

Environmental precautions:

Prevent spread over a wide area (e.g. by containment or oil barriers). Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For large amounts: Pump off product.

For residues: Pick up with inert absorbent material (e.g. sand, earth etc.). Correctly dispose of recovered product immediately.

7. Handling and Storage

Handling

Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Provide good room ventilation even at ground level (vapours are heavier than air).

Protection against fire and explosion:

Sources of ignition should be kept well clear. Take precautionary measures against static discharges. Substance/product can form explosive mixture with air. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

Storage

Suitable materials for containers: High density polyethylene (HDPE), Carbon steel (Iron)

Further information on storage conditions: Keep container tightly closed and in a well-ventilated place. Keep away from heat. Avoid all sources of ignition: heat, sparks, open flame.

8. Exposure controls and personal protection

Components with occupational exposure limits

Naphtha (petroleum), hydrodesulfurized heavy, 64742-82-1;

TWA value 100 ppm (ACGIHTLV)

TWA value 790 mg/m³ (OEL (AU))

TWA value 790 mg/m³ (AU NOEL)

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Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Suitable respiratory protection for higher concentrations or long-term effect: Gas filter for gases/vapours of organic compounds (boiling point <65 °C, f.e. EN 14387 Type AX)

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen based on level of activity and exposure., Antistatic apron

General safety and hygiene measures:

Avoid inhalation of dusts/mists/vapours. Avoid contact with the skin, eyes and clothing. Avoid prolonged and/or repeated contact with the skin. 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).

9. Physical and Chemical Properties

Form: liquid
Colour: yellow
Odour: solvent-like

pH value: not applicable

Boiling point: > 160 °C

Flash point: > 50 °C

Flammability (solid/gas): Flammable.

Thermal decomposition: Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.

Explosion hazard: explosive under influence of a flame
Fire promoting properties: Oxidizing.

Vapour pressure: 0.3 kPa
(20 °C)

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Density: 0.86 g/cm³
(23 °C)
Bulk density: not applicable
Miscibility with water: immiscible
Viscosity, dynamic: 100 mPa.s
(23 °C)

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Thermal decomposition:

Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

strong oxidizing agents

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

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

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation

Assessment of irritating effects:

Skin contact causes irritation.

Respiratory/Skin sensitization

Assessment of sensitization:

Based on available Data, the classification criteria are not met.

Germ cell mutagenicity

Assessment of mutagenicity:

Capable of causing genetic defects.

Carcinogenicity

Assessment of carcinogenicity:
The substance caused cancer in animal studies.

Reproductive toxicity

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

Developmental toxicity

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

Specific target organ toxicity (single exposure):

Assessment of STOT single:
Causes temporary irritation of the respiratory tract. Possible narcotic effects (drowsiness or dizziness).

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

Aspiration hazard

May also damage the lung at swallowing (aspiration hazard).

Other relevant toxicity information

The product has not been tested. The statement has been derived from the properties of the individual components.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:
Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

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Mobility

Assessment transport between environmental compartments:

| No data available.

Bioaccumulation potential

Assessment bioaccumulation potential:

| Discharge into the environment must be avoided.

Additional information

Other ecotoxicological advice:

| Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal Considerations

Observe national and local legal requirements.

The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.

Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:

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

14. Transport Information

Domestic transport:

Hazard class: 3
Packing group: III
ID number: UN 1993
Hazard label: 3, EHSM
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains NAPHTHA/PETROLEUM)

Further information

Hazchem Code:3Y

IERG Number:14

Sea transport

IMDG

Hazard class: 3
Packing group: III
ID number: UN 1993
Hazard label: 3, EHSM
Marine pollutant: YES
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains NAPHTHA/PETROLEUM)

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Air transport

IATA/ICAO

Hazard class:	3
Packing group:	III
ID number:	UN 1993
Hazard label:	3
Proper shipping name:	FLAMMABLE LIQUID, N.O.S. (contains NAPHTHA/PETROLEUM)

15. Regulatory Information**Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 5

Registration status:

AICS, AU released / listed

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.