1. Identification

Product identifier used on the label

MasterKure CC 180WB also KURE N SEAL VOC COMPLIANT

Recommended use of the chemical and restriction on use

Recommended use*: for industrial and professional users

* The “Recommended use” identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company: BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Chemical family: No data available.

2. Hazards Identification


Classification of the product

<table>
<thead>
<tr>
<th>Classification</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq.</td>
<td>4</td>
<td>Flammable liquids</td>
</tr>
<tr>
<td>Resp. Sens.</td>
<td>1</td>
<td>Respiratory sensitization</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>1</td>
<td>Skin sensitization</td>
</tr>
<tr>
<td>Carc.</td>
<td>2</td>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>Repr.</td>
<td>2</td>
<td>Reproductive toxicity</td>
</tr>
<tr>
<td>Repr.</td>
<td>1B</td>
<td>Reproductive toxicity</td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>3</td>
<td>Hazardous to the aquatic environment - acute</td>
</tr>
</tbody>
</table>
Label elements

Pictogram:

Signal Word:
Danger

Hazard Statement:
H227 Combustible liquid.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H360 May damage the unborn child. Suspected of damaging fertility.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 Avoid release to the environment.
P202 Do not handle until all safety precautions have been read and understood.
P284 [In case of inadequate ventilation] wear respiratory protection.
P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):
P304 + P341 + P311 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P362 + P364 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use water spray, dry powder or carbon dioxide for extinction.

Precautionary Statements (Storage):
P405 Store locked up.
P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified
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.


Emergency overview

WARNING:
COMBUSTIBLE LIQUID AND VAPOR.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.
Overexposure may cause CNS depression including headache, dizziness, nausea and loss of consciousness.
CONTAINS MATERIAL WHICH MAY CAUSE CANCER.
May damage fertility or the unborn child.
Keep container tightly closed.
Avoid all sources of ignition: heat, sparks, open flame.

3. Composition / Information on Ingredients


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Content (W/W)</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-95-6</td>
<td>&gt;= 1.0 - &lt; 5.0 %</td>
<td>solvent naphtha</td>
</tr>
<tr>
<td>95-63-6</td>
<td>&gt;= 1.0 - &lt; 3.0 %</td>
<td>1,2,4-trimethylbenzene</td>
</tr>
<tr>
<td>25340-17-4</td>
<td>&gt;= 0.2 - &lt; 0.3 %</td>
<td>Benzene, diethyl-</td>
</tr>
<tr>
<td>84-74-2</td>
<td>&gt;= 0.2 - &lt; 0.3 %</td>
<td>dibutyl phthalate</td>
</tr>
<tr>
<td>98-82-8</td>
<td>&gt;= 0.1 - &lt; 0.2 %</td>
<td>cumene</td>
</tr>
<tr>
<td>7727-54-0</td>
<td>&gt;= 0.0 - &lt; 0.2 %</td>
<td>Ethylene glycol</td>
</tr>
<tr>
<td>9036-19-5</td>
<td>&gt;= 0.3 - &lt; 1.0 %</td>
<td>Peroxydisulfuric acid ([[(HO)S(O)2]2O2]), diammonium salt</td>
</tr>
</tbody>
</table>


<table>
<thead>
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<td>1,2,4-trimethylbenzene</td>
</tr>
<tr>
<td>107-21-1</td>
<td>&gt;= 0.1 - &lt; 1.0 %</td>
<td>Ethylene glycol</td>
</tr>
<tr>
<td>112-34-5</td>
<td>&gt;= 0.1 - &lt; 1.0 %</td>
<td>Butyl diglycol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>&gt;= 0.1 - &lt; 1.0 %</td>
<td>Methanol</td>
</tr>
<tr>
<td>84-74-2</td>
<td>&gt;= 0.1 - &lt; 1.0 %</td>
<td>Dibutyl phthalate</td>
</tr>
<tr>
<td>98-82-8</td>
<td>&gt;= 0.1 - &lt; 1.0 %</td>
<td>Cumene</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

Description of first aid measures

General advice:
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.
If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

If on skin:
Immediately wash thoroughly with soap and water, seek medical attention.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed
Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Hazard: No applicable information available.

Indication of any immediate medical attention and special treatment needed
Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

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

Special hazards arising from the substance or mixture
Hazard during fire-fighting:
carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Advice for fire-fighters
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, protective equipment and emergency procedures
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.

Methods and material for containment and cleaning up
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

Precautions for safe handling
Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Conditions for safe storage, including any incompatibilities
No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Protect from temperatures below: 5 °C
The packed product must be protected from temperatures below the indicated one. Protect from temperatures below: 40 °F
The packed product must be protected from temperatures below the indicated one.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA PEL</th>
<th>PEL 5 mg/m3</th>
<th>TWA value 5 mg/m3</th>
<th>ACGIH TLV</th>
<th>TWA value 5 mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>dibutyl phthalate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>OSHA PEL</td>
<td>TWA value 25 ppm</td>
<td>125 mg/m3</td>
<td>ACGIH TLV</td>
<td>TWA value 25 ppm</td>
</tr>
<tr>
<td>Peroxydisulfuric acid ([HO]S(O)2]2O2), diammonium salt</td>
<td>ACGIH TLV</td>
<td>TWA value 0.1 mg/m3 (persulfate);</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Advice on system design:
No applicable information available.

Personal protective equipment

Respiratory protection:
Wear appropriate certified respirator when exposure limits may be exceeded.

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. head protection, apron, protective boots, chemical-protection suit.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>mild, solvent-like</td>
</tr>
<tr>
<td>Odour threshold</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>white</td>
</tr>
<tr>
<td>pH value</td>
<td>slightly alkaline</td>
</tr>
<tr>
<td>Melting point</td>
<td></td>
</tr>
<tr>
<td>Boiling point</td>
<td>153.33 - 171.11 °C</td>
</tr>
<tr>
<td>Sublimation temperature</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>146.3 °F</td>
</tr>
<tr>
<td>Flammability</td>
<td>not determined</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>0.9 %(V)</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>7 %(V)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>1.004 g/cm³</td>
</tr>
<tr>
<td>Relative density</td>
<td></td>
</tr>
<tr>
<td>Vapour density</td>
<td></td>
</tr>
<tr>
<td>Partitioning coefficient n-octanol/water (log Pow)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No decomposition if stored and handled as prescribed/indicated.</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td></td>
</tr>
<tr>
<td>Solubility in water</td>
<td>negligible</td>
</tr>
<tr>
<td>Solubility (quantitative)</td>
<td></td>
</tr>
<tr>
<td>Solubility (qualitative)</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
</tr>
<tr>
<td>Other Information</td>
<td>If necessary, information on other physical and chemical parameters is indicated in this section.</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

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

Oxidizing properties:
Based on its structural properties the product is not classified as oxidizing.

Chemical stability
The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions
The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid
See MSDS section 7 - Handling and storage.

Incompatible materials
strong acids, strong bases, strong oxidizing agents, strong reducing agents

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

Thermal decomposition:
No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

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

Acute Toxicity/Effects

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.

Oral
No applicable information available.

Inhalation
No applicable information available.

Dermal
No applicable information available.

Assessment other acute effects
No applicable information available.

Irritation / corrosion
Assessment of irritating effects: No applicable information available.

Sensitization
Assessment of sensitization: The product has not been tested. The statement has been derived from the properties of the individual components. The substance may cause sensitization of the respiratory tract. Sensitization after skin contact possible.

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

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

Carcinogenicity
Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests.

Information on: cumene
Assessment of carcinogenicity: In long-term animal studies in which the substance was given by inhalation in high doses, a carcinogenic effect was observed. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

Reproductive toxicity
Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect.

Teratogenicity
Assessment of teratogenicity: The substance caused malformations/developmental toxicity in laboratory animals.

Information on: ethylene glycol
Assessment of teratogenicity: In animal studies the substance caused malformations when given at high doses. However, the relevance of this result for humans is unclear.

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

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

12. Ecological Information

Toxicity
Aquatic toxicity
Assessment of aquatic toxicity: Acutely harmful for aquatic organisms.

Persistence and degradability
Assessment biodegradation and elimination (H2O)
Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

Bioaccumulative potential
Assessment bioaccumulation potential
Discharge into the environment must be avoided.

Mobility in soil

Assessment transport between environmental compartments
No data available.

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

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/surface waters/groundwater.

Container disposal:
Contaminated 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:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Acute; Chronic; Fire
CERCLA RQ | CAS Number | Chemical name
--- | --- | ---
5000 LBS | 67-56-1; 98-82-8; 107-21-1 | Methanol; cumene; ethylene glycol
1000 LBS | 100-41-4 | ethylbenzene
100 LBS | 1330-20-7; 123-91-1 | Xylene; 1,4-dioxane
10 LBS | 75-21-8; 84-74-2 | Ethylene Oxide; dibutyl phthalate

State regulations

<table>
<thead>
<tr>
<th>State RTK</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA, NJ, PA</td>
<td>95-63-6</td>
<td>1,2,4-trimethylbenzene</td>
</tr>
<tr>
<td>MA, NJ, PA</td>
<td>107-21-1</td>
<td>ethylene glycol</td>
</tr>
<tr>
<td>NJ, PA</td>
<td>112-34-5</td>
<td>Butyl diglycol</td>
</tr>
<tr>
<td>MA, NJ, PA</td>
<td>67-56-1</td>
<td>Methanol</td>
</tr>
<tr>
<td>MA, NJ, PA</td>
<td>84-74-2</td>
<td>dibutyl phthalate</td>
</tr>
<tr>
<td>MA, NJ, PA</td>
<td>98-82-8</td>
<td>cumene</td>
</tr>
</tbody>
</table>

CA Prop. 65:
WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

NFPA Hazard codes:
Health: 2  Fire: 2  Reactivity: 0  Special:

HMIS III rating
Health: 2\*  Flammability: 2  Physical hazard: 0

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2015/01/15

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.

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