1. Identification

Product identifier used on the label

MasterSeal CR 125 also SONOMERIC 1

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 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 applicable information 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>3</td>
<td>Flammable liquids</td>
</tr>
<tr>
<td>Skin Corr./Irrit.</td>
<td>2</td>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Eye Dam./Irrit.</td>
<td>1</td>
<td>Serious eye damage/eye irritation</td>
</tr>
<tr>
<td>Muta.</td>
<td>1B</td>
<td>Germ cell mutagenicity</td>
</tr>
<tr>
<td>Carc.</td>
<td>1B</td>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>STOT RE</td>
<td>1</td>
<td>Specific target organ toxicity — repeated exposure</td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>3</td>
<td>Hazardous to the aquatic environment - acute</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>3</td>
<td>Hazardous to the aquatic environment - chronic</td>
</tr>
</tbody>
</table>
Label elements

Pictogram:

Signal Word:
Danger

Hazard Statement:
H226 Flammable liquid and vapour.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H350 May cause cancer.
H340 May cause genetic defects.
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
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.
P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust/gas/mist/vapours.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P243 Take precautionary measures against static discharge.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P270 Do not eat, drink or smoke when using this product.
P264 Wash with plenty of water and soap thoroughly after handling.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P242 Use only non-sparking tools.

Precautionary Statements (Response):
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use... to extinguish.

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.

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>14807-96-6</td>
<td>&gt;= 7.0 - &lt; 10.0 %</td>
<td>talc</td>
</tr>
<tr>
<td>8052-41-3</td>
<td>&gt;= 5.0 - &lt; 10.0 %</td>
<td>Stoddard solvent</td>
</tr>
<tr>
<td>1305-78-8</td>
<td>&gt;= 5.0 - &lt; 7.0 %</td>
<td>calcium oxide</td>
</tr>
<tr>
<td>64742-52-5</td>
<td>&gt;= 3.0 - &lt; 7.0 %</td>
<td>Distillates (petroleum), hydrotreated heavy naphthenic</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>&gt;= 3.0 - &lt; 5.0 %</td>
<td>solvent naphtha</td>
</tr>
<tr>
<td>95-63-6</td>
<td>&gt;= 1.0 - &lt; 3.0 %</td>
<td>Distillates (petroleum), hydrotreated light naphthenic</td>
</tr>
<tr>
<td>25340-17-4</td>
<td>&gt;= 0.0 - &lt; 0.2 %</td>
<td>Benzene, diethyl-</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. 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.

If on skin:
Wash thoroughly with soap and water. 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 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.

Most important symptoms and effects, both acute and delayed

Symptoms: skin irritation, Eye irritation, sickness, dizziness, dazed state
Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed
5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
dry powder, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture
Hazards 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. 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, protective equipment and emergency procedures
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 and material for containment and cleaning 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

Precautions for safe 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.

**Conditions for safe storage, including any incompatibilities**

Segregate from foods and animal feeds.

Suitable materials for containers: tinned carbon steel (Tinplate), Stove-lacquer Polyamerica 100-C102

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/Personal Protection

**Components with occupational exposure limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA PEL</th>
<th>TWA value</th>
<th>ACGIH TLV</th>
<th>TWA value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td></td>
<td>25 ppm</td>
<td>125 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
<tr>
<td>calcium oxide</td>
<td>OSHA PEL</td>
<td>PEL 5 mg/m³</td>
<td>TWA value</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>TWA value</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Stoddard solvent</td>
<td>OSHA PEL</td>
<td>PEL 500 ppm</td>
<td>TWA value</td>
<td>2,900 mg/m³</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>TWA value</td>
<td>100 ppm</td>
<td></td>
</tr>
</tbody>
</table>
talc | OSHA PEL | TWA value 20 millions of particles per cubic foot of air; TWA value 2.4 millions of particles per cubic foot of air Respirable.

The exposure limit is calculated from the equation, 250/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

TWA value 0.1 mg/m³ Respirable.

The exposure limit is calculated from the equation, 10/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

TWA value 0.3 mg/m³ Total dust.

The exposure limit is calculated from the equation, 30/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

TWA value 2 mg/m³ Respirable dust; TWA value 0.3 mg/m³ Total dust.

The exposure limit is calculated from the equation, 30/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

TWA value 0.1 mg/m³ Respirable.

The exposure limit is calculated from the equation, 10/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

TWA value 2.4 millions of particles per cubic foot of air Respirable.

The exposure limit is calculated from the equation, 250/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

TWA value 20 millions of particles per cubic foot of air.

Distillates (petroleum), hydrotreated heavy naphthenic | OSHA PEL | PEL 5 mg/m³ Mist; PEL 500 ppm 2,000 mg/m³; TWA value 5 mg/m³ Mist.

Distillates (petroleum), hydrotreated light naphthenic | OSHA PEL | PEL 5 mg/m³ Mist; PEL 500 ppm 2,000 mg/m³; TWA value 5 mg/m³ Mist.

ACGIH TLV | TWA value 2 mg/m³ Respirable fraction.

The value is for particulate matter containing no asbestos and <1% crystalline silica.

Advice on system design:
No applicable information available.
Personal protective equipment

Respiratory protection:
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:
Wear chemical resistant protective gloves.

Eye protection:
Safety glasses with side-shields.

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

<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>solvent-like</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Colour</td>
<td>black</td>
</tr>
<tr>
<td>pH Value</td>
<td>not applicable</td>
</tr>
<tr>
<td>Melting temperature</td>
<td>The product has not been tested.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>307 °F</td>
</tr>
<tr>
<td>Boiling temperature</td>
<td>153 - 350 °C</td>
</tr>
<tr>
<td>Sublimation point</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>134 °F (ASTM D56)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Flammable.</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>approx. 0.9 % (V)</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>7 % (V)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>The product has not been tested.</td>
</tr>
<tr>
<td>Density</td>
<td>approx. 9 lb/USg</td>
</tr>
<tr>
<td></td>
<td>approx. 1.08</td>
</tr>
<tr>
<td></td>
<td>g/cm³</td>
</tr>
<tr>
<td>Relative density</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>not determined</td>
</tr>
<tr>
<td>Partitioning coefficient n-octanol/water (log Pow)</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>Vapours may form explosive mixture with air. No decomposition if stored and handled as prescribed/indicated.</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>approx. 200</td>
</tr>
<tr>
<td></td>
<td>mm²/s</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>(20 °C) slightly soluble</td>
</tr>
<tr>
<td>Miscibility with water</td>
<td>(20 °C) not soluble</td>
</tr>
<tr>
<td>Solubility (quantitative)</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Solubility (qualitative)</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not determined</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

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

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

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

Conditions to avoid
Avoid all sources of ignition: heat, sparks, open flame.

Incompatible materials
strong oxidizing agents

Hazardous decomposition products

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

Thermal decomposition:
Vapours may form explosive mixture with air. 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. Based on available Data, the classification criteria are not met.

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: May cause skin irritation. May cause severe damage to the eyes.

Sensitization
Assessment of sensitization: Based on available Data, the classification criteria are not met.

**Aspiration Hazard**
No aspiration hazard expected.

**Chronic Toxicity/Effects**

**Repeated dose toxicity**
Assessment of repeated dose toxicity: May cause central nervous system effects.

**Genetic toxicity**
Assessment of mutagenicity: Capable of causing genetic defects.

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

*Information on: Stoddard solvent*

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**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.

**Teratogenicity**
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.

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

**Symptoms of Exposure**

- skin irritation, Eye irritation, sickness, dizziness, dazed state

---

**12. Ecological Information**

**Toxicity**

**Aquatic toxicity**
Assessment of aquatic toxicity: May cause long-term adverse effects in the aquatic environment. 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.
The polymer component of the product is poorly biodegradable.

**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:
Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.

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

Hazard class: C
Packing group: III
ID number: NA 1993
Hazard label: CBL
Proper shipping name: COMBUSTIBLE LIQUID, N.O.S. (contains SOLVENT NAPHTHA, STOIDDARD SOLVENT)
Classified as combustible liquid in containers greater than 119 gallons.

Sea transport

IMDG

Hazard class: 3
Packing group: III
ID number: UN 1993
Hazard label: 3
Marine pollutant: NO
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains SOLVENT NAPHTHA, STOIDDARD SOLVENT)

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 SOLVENT NAPHTHA, STOIDDARD SOLVENT)
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 7664-38-2; 98-82-8 phosphoric acid; cumene
1000 LBS 100-41-4; 108-88-3 ethylbenzene; Toluene
100 LBS 1330-20-7; 78-84-2; 584-84-9; 91-08-7 Xylene; isobutylaldehyde; toluene-2,4-diisocyanate; toluene-2,6-diisocyanate

State regulations

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 : 3 Fire: 2 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2015/04/17

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