1. Identification

Product identifier used on the label

**MasterProtect H 185**

**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**

Synonyms: Not Available

2. Hazards Identification


**Classification of the product**

Repr.  2 (fertility)  Reproductive toxicity

**Label elements**

Pictogram:
Signal Word: Warning

Hazard Statement: H361 Suspected of damaging fertility.

Precautionary Statements (Prevention):
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.

Precautionary Statements (Response):
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Storage):
P405 Store locked up.

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>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>556-67-2</td>
<td>&gt;= 1.0 - &lt; 5.0%</td>
<td>Cyclotetrasiloxane, octamethyl-</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

Description of first aid measures

General advice: Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

If on skin:
Wash thoroughly with soap and water.

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. Hazards: 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:
foam, water spray, dry powder, carbon dioxide

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:
Do not allow fire extinguishing media to contact container contents. Most fire extinguishing media will cause hydrogen evolution, and once fire is put out, hydrogen may accumulate in poorly ventilated or confined areas and result in flash fire or explosion if ignited. 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.
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: Opened and partially full containers with product exposed to water or atmospheric moisture should be used promptly and not stored unnecessarily to minimize the build-up of flammable hydrogen gas which may evolve from the product and accumulate at rates that vary with heat, humidity level, volume of head space, etc. When partially filled containers are reopened, the container must be ventilated adequately to maintain vapors well below the flammability limits and exposure guidelines. Keep only in the original container. Clogged container vents may increase pressure build up.

8. Exposure Controls/Personal Protection

No occupational exposure limits known.

**Advice on system design:**
No applicable information available.

**Personal protective equipment**

**Respiratory protection:**
Wear a NIOSH-certified (or equivalent) respirator as necessary.

**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:**
Impermeable protective clothing

**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: product specific
Odour threshold: No applicable information available.
Colour: white
pH value: approx. 4.6
(20 °C)
Freezing point: No data available.

Information on: Water
Melting point: 0 °C

Boiling point: Unspecified

Information on: Water
Boiling point: 100 °C

Sublimation point: No applicable information available.
Flash point: 93.34 °C (ASTM D3278)
Flammability: not flammable

Information on: Water
Vapour pressure: 23.4 hPa
(20 °C)
Literature data.

Density: approx. 1 g/cm3
(20 °C)
Relative density: approx. 1
Bulk density: not applicable
Thermal decomposition: Formaldehyde
No decomposition if stored and handled as prescribed/indicated.

Viscosity, dynamic: No applicable information available.
Viscosity, kinematic: No applicable information available.
Solubility in water: miscible
Solubility (quantitative): No applicable information available.
Solubility (qualitative): No applicable information available.
Evaporation rate: No applicable information available.
Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.

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:
Possible thermal decomposition products:
Formaldehyde
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: No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

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

*Information on: ethylbenzene*
Assessment of carcinogenicity: *Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*  
IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

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**Reproductive toxicity**
Assessment of reproduction toxicity: Contains a suspected reproductive toxin.

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

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**12. Ecological Information**

**Toxicity**

Aquatic toxicity
Assessment of 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.

**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:
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
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:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Chronic;

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 LBS</td>
<td>64-19-7; 107-21-1; 108-05-4</td>
<td>Acetic acid; ethylene glycol; vinyl acetate</td>
</tr>
<tr>
<td>1000 LBS</td>
<td>75-07-0; 100-41-4</td>
<td>acetaldehyde; ethylbenzene</td>
</tr>
<tr>
<td>100 LBS</td>
<td>1330-20-7; 4170-30-3</td>
<td>Xylene; Crotonaldehyde</td>
</tr>
</tbody>
</table>
CA Prop. 65:
WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

NFPA Hazard codes:
Health : 1   Fire: 1   Reactivity: 0   Special: 16.

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2016/09/01

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