1. Identification

**Product identifier used on the label**

**MasterRoc MP 355 Accelerator 25 also MEYCO MP 355 A3 Accelerator 25**

**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.

Synonyms: Catalyst

2. Hazards Identification


**Classification of the product**

<table>
<thead>
<tr>
<th>Class</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq.</td>
<td>3</td>
<td>Flammable liquids</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>3</td>
<td>(Inhalation - vapour)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>4</td>
<td>(oral)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>4</td>
<td>(dermal)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Skin Corr./Irrit.</td>
<td>1B</td>
<td>Skin corrosion/irritation</td>
</tr>
</tbody>
</table>
Safety Data Sheet
MasterRoc MP 355 Accelerator 25 also MEYCO MP 355 A3 Accelerator 25

Revision date: 2015/04/10
Page: 2/11
Version: 1.0
(30598860/SDS_GEN_US/EN)

Label elements

Pictogram:

![Pictogram]

Signal Word:
Danger

Hazard Statement:
H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H331 Toxic if inhaled.
H302 Harmful if swallowed.
H335 May cause respiratory irritation.
H314 Causes severe skin burns and eye damage.
H402 Harmful to aquatic life.

Precautionary Statements (Prevention):
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust/gas/mist/vapours.
P243 Take precautionary measures against static discharge.
P273 Avoid release to the environment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P264 Wash with plenty of water and soap thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P242 Use only non-sparking tools.
P240 Ground/bond container and receiving equipment.

Precautionary Statements (Response):
P310 Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P352 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P370 + P378 In case of fire: Use... to extinguish.

Precautionary Statements (Storage):
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>108-01-0</td>
<td>&gt;= 50.0 - &lt;= 100.0 %</td>
<td>2-dimethylaminoethanol</td>
</tr>
<tr>
<td>280-57-9</td>
<td>&gt;= 10.0 - &lt; 50.0 %</td>
<td>triethylenediamine</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. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

If on skin:
Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

If in eyes:
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:
Do not induce vomiting. 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: 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: High density polyethylene (HDPE)

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.

Storage stability:
Protect against moisture.

8. Exposure Controls/Personal Protection

**Advice on system design:**
Provide local exhaust ventilation to control vapours/mists.

**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

**Form:** liquid
**Odour:** fish-like
## 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.

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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour threshold</td>
<td>No applicable information available.</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>light yellow</td>
<td></td>
</tr>
<tr>
<td>pH value</td>
<td>alkaline</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>The product has not been tested.</td>
<td></td>
</tr>
<tr>
<td>Boiling point</td>
<td>137 °C</td>
<td></td>
</tr>
<tr>
<td>Sublimation point</td>
<td>No applicable information available.</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>50.56 °C</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>Flammable</td>
<td></td>
</tr>
<tr>
<td>Flammability of Aerosol Products</td>
<td>not applicable, the product does not form flammable aerosoles</td>
<td></td>
</tr>
<tr>
<td>Autoignition</td>
<td>approx. 220 °C</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>4.65 mmHg (21 °C)</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>0.91 g/cm3 (21 °C)</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>not applicable</td>
<td></td>
</tr>
<tr>
<td>Vapour density</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Partitioning coefficient n-octanol/water (log Pow)</td>
<td>-0.49 (calculated)</td>
<td></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>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No applicable information available.</td>
<td></td>
</tr>
<tr>
<td>Solubility in water</td>
<td>completely soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility (quantitative)</td>
<td>No applicable information available.</td>
<td></td>
</tr>
<tr>
<td>Solubility (qualitative)</td>
<td>No applicable information available.</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not determined</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>
<td></td>
</tr>
</tbody>
</table>
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: Of pronounced toxicity after short-term inhalation. Of moderate toxicity after short-term skin contact. Of moderate toxicity after single ingestion. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: 2-dimethylaminoethanol

Oral
No applicable information available.

Inhalation
No applicable information available.

Dermal
No applicable information available.

Assessment other acute effects
Assessment of STOT single:
Causes temporary irritation of the respiratory tract.

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

Irritation / corrosion
Assessment of irritating effects: Corrosive! Damages skin and eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: 2-dimethylaminoethanol
Assessment of irritating effects: Corrosive! Damages skin and eyes.

Information on: triethylenediamine
Assessment of irritating effects: Skin contact causes irritation. May cause severe damage to the eyes.

Sensitization
Assessment of sensitization: The product has not been tested. The statement has been derived from the properties of the individual components. Based on available Data, the classification criteria are not met.

Chronic Toxicity/Effects

Repeated dose toxicity
Information on: 2-dimethylaminoethanol
Assessment of repeated dose toxicity: The substance may cause damage to the upper respiratory tract after repeated inhalation, as shown in animal studies. After repeated exposure the prominent effect is local irritation.

Genetic toxicity
Assessment of mutagenicity: The substance was not mutagenic in bacteria. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Information on: 2-dimethylaminoethanol
Assessment of carcinogenicity: Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies. In long-term animal studies in which the substance was given by inhalation in high concentrations, a carcinogenic effect was not observed.

Information on: triethylenediamine
Assessment of carcinogenicity: No data available concerning carcinogenic effects. Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.

Reproductive toxicity

Information on: 2-dimethylaminoethanol
Assessment of reproduction toxicity: The potential to impair fertility cannot be excluded when given at maternally toxic doses. The results were determined in a Screening test (OECD 421/422). Because the relevance of the results to human health is unclear, further tests will be initiated.

Teratogenicity

Information on: 2-dimethylaminoethanol
Assessment of teratogenicity: Causes developmental effects in animals at high, maternally toxic doses.

Other Information
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have 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)
Not readily biodegradable (by OECD criteria).
The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulative potential

Assessment bioaccumulation potential
Discharge into the environment must be avoided.

Bioaccumulation potential
Accumulation in organisms is not to be expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility in soil

Assessment transport between environmental compartments
The product has not been tested. The statement has been derived from the properties of the individual components.

Additional information

Other ecotoxicological advice:
The product has not been tested. The statement has been derived from the properties of the individual components. Do not allow to enter soil, waterways or waste water channels.

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: 8
Packing group: II
ID number: UN 2051
Hazard label: 8, 3
Proper shipping name: 2-DIMETHYLAMINOETHANOL (contains TERTIARY AMINE)

Sea transport
Safety Data Sheet
MasterRoc MP 355 Accelerator 25 also MEYCO MP 355 A3
Accelerator 25

IMDG

Hazard class: 8
Packing group: II
ID number: UN 2051
Hazard label: 8, 3
Marine pollutant: NO
Proper shipping name: 2-DIMETHYLMAMINOETHANOL

Air transport
IATA/ICAO

Hazard class: 8
Packing group: II
ID number: UN 2051
Hazard label: 8, 3
Proper shipping name: 2-DIMETHYLMAMINOETHANOL

15. Regulatory Information

Federal Regulations

Registration status:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Chronic; Fire

NFPA Hazard codes:
Health : 3 Fire: 2 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2015/04/10

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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