

# HB Chemical Corporation

## Material Safety Data Sheet

Issued : 5.OCT.2009

### 1. PRODUCT

Product Name : MSA-125

Use : Filler dispersing additive

Emergency Telephone : Phone : +82-2-3397-0081~3 / Fax : +82-2-3397-0085

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Chemical characterization

Blend of fatty acid esters and zinc soap

### 3. HAZARDS IDENTIFICATION

Harmful if swallowed, slight irritating to eyes and skin.

### 4. FIRST AID MEASURES

**Inhalation:** Let in fresh air. If symptom occur, get medical advice.

**Skin/ eye contact:** Wash with water

**Ingestion:** Get medical treatment

### 5. FIRE FIGHTING MEASURES

#### **Extinguishing media**

Dry powder foam water spray jet carbon dioxide

#### **Special protective equipment**

In case of fire do not breathe fumes. Appropriate breathing apparatus may be required.

### 6. ACCIDENTAL RELEASE MEASURES

#### **Personal precautions**

No particular measures required.

#### **Environmental precautions**

Take up mechanically. Dispose of collected material in accordance with local regulations.

### 7. HANDLING AND STORAGE

Handling

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Normal precaution taken when handling chemicals should be observed.

### Storage

Store dry and cool

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### General protective and hygiene measure

The usual precautionary measures for the handling of chemicals have to be observed.

#### Eye protection

Wear safety glasses or goggles to protect against exposure.

#### Hand protection

Use protective gloves.

#### Respiratory protection

In case of dust formation mask with dust filter.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Yellowish solid

**Specific gravity:** 0.98±0.2

**Bulk density:** 550kg/m<sup>3</sup>

**Softening point (°F/C):** 65±5°C

**pH:** Not Applicable

**Vapor Pressure:** Not Applicable

**Vapor Density (Air=1):** Not Applicable

**% Volatile by Volume:** Not Applicable

**Solubility in Water:** Insoluble

### 10. STABILITY AND REACTIVITY

#### Chemical stability:

Stable when stored at room temperature in closed, original container.

Stable under normal conditions of handling, use and transportation.

#### Hazardous polymerization:

Will not occur

#### Conditions to avoid:

Keep away from heat, sparks and flame. Expose to heat and humidity.

#### Hazardous decomposition products

Carbon monoxide, carbon dioxide

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### 11. TOXICOLOGICAL INFORMATION

LD50/LC50 values that are relevant for classification : specification LD-50

### 12. ECOLOGICAL INFORMATION

Do not empty into waters or drains.

### 13. DISPOSAL CONSIDERATIONS

In accordance with local official regulations pass on to an appropriate incinerating plant or depository or recycling.

### 14. TRANSPORT INFORMATION

This product does not constitute a hazardous substance in national / international road, sea and air transport.

### 15. REGULATORY INFORMATION

**Danger symbol and danger designation :** No danger symbols

This product does not require a hazard warning label in accordance with EC directives regulations on dangerous substances.

### 16. OTHER INFORMATION

**Important Note:**

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions if this material is used in combination with other materials or in any process.

\*\*\*END OF MSDS\*\*\*