

## MATERIAL SAFETY DATA SHEET

### PRODUCT: CLEARCO M30 METHYLHYDROGEN

We urge the recipient of this safety data sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employee and customer as well.

**Statement Of Hazardous Nature: Not Classified As Hazardous According To Criteria Of Work Safe India.**

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY /UNDERTAKING

##### Identification of the Substance or Preparation

Chemical Name: Silicone Fluid  
Formula: Methyl Hydrogen Siloxane  
ADG Code: None Allocated  
Indian HAZCHEM Code: None Allocated  
Poisons Schedule No: Not Applicable

##### Supplier Identification

CLEARCO PRODUCTS CO., INC  
3430-G PROGRESS DRIVE  
Bensalem, PA 19020  
Phone: (215) 639-2640

Emergency Telephone Number  
CHEM-TEL: 1 (800) 255-3924  
CHEM TEL: 1-800-255-3924 (DOMESTIC)  
+01-813-248-0585 (INTERNATIONAL)

**Date Prepared: 4/05/2011**

#### 2. COMPOSITION /INFORMATION ON INGREDIENTS

CAS Number	% BY WEIGHT	Component Name
63148-57-2	>60.0	Methyl hydrogen siloxane
68037-53-6	1.0 - 5.0	Methyl hydrogen cyclosiloxanes

#### 3. HAZARD IDENTIFICATION

**Main hazards and effects: None**

#### 4. FIRST AID MEASURES

**Swallowing:** No emergency care anticipated  
**Inhalation:** No emergency care anticipated  
**Skin contact:** Wash with water  
**Eye contact:** Flush eyes with thoroughly with water

##### Notes to physician

Toxicity studies have shown the components of this material to be of very low acute toxicity.  
There is no specific antidote.  
Treatment of overexposure should be directed at the control of symptoms and clinical condition of patient.

#### 5. FIRE – FIGHTING MEASURES

**Flash Point:** >65°C. (by open cup)

##### EXTINGUISHING MEDIA

**Suitable:** Flammable  
: CO<sub>2</sub>, Dry chemicals. Foam  
**Unsuitable:** None  
**Special fire fighting procedures:** None  
**Special protective equipment for firefighter:** None  
**Unusual fire and explosion hazards:** None known

#### 6. ACCIDENTAL RELEASE MEASURES

**Method for cleaning up**

**Small spills:** Flush with large amount of water  
**Large spills:** Collect for disposal

**7. HANDLING AND STORAGE**

**HANDLING**

**Advice on safe handling**

Normal precautions should be followed in handling and use.

**Ventilation:** General (mechanical) room ventilation is expected to be satisfactory.

**STORAGE**

Storage requirements: Normal precautions common to safe manufacturing practice should be followed in handling and storage.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE LIMITS**

INGREDIENT TYPE	VALUE	REMARK
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No exposure limits have been established.

**PERSONAL PROTECTION**

**Respiratory protection**

None expected to be needed.

**Hand protection /protective gloves**

Recommended order of use:

- 4H
- Butyl
- Neoprene
- Nitrile (NBR)
- PVC - coated

**Eye protection**

Safety glasses

**Other protective equipment**

- Eye Bath
- Safety Shower

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance  
Physical State : Liquid  
Color : Clear transparent colorless liquid

Other properties  
Viscosity @ 25°C., cP : 15-45  
Specific Gravity @ 25°C. : 0.96-1.01  
Refractive Index @ 25°C. : 1.385-1.400  
Flash Point, in °C. : 65 min.

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**CONDITION TO AVOID**

None known

**INCOMPATIBLE MATERIALS**

None known

**HAZARDOUS COMBUSTION PRODUCTS**

After evaporation water residue can burn to produce  
Oxides of carbons  
Oxides of silicones  
Carbon monoxide

**POLYMERIZATION**

Will not occur.

**CONDITION TO AVOID**

None known

**11. TOXICOLOGICAL INFORMATION**

**SWALLOWING**

Acute effects : No evidence of harmful effects from available information

**SKIN ABSORPTION**

Acute effects: No evidence of harmful effects from available information

**INHALATION**

Acute effects : No evidence of harmful effects from available information

**SKIN CONTACT**

Acute effects : No evidence of harmful effects from available information

**EYE CONTACT**

Acute effects: May cause minor irritation

**SIGNIFICATION DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH**

No information relevant to human health hazard evaluation is currently available.

**12. ECOLOGICAL INFORMATION**

**General**

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this safety data sheet.

**13. DISPOSAL CONSIDERATION**

Incinerate in a furnace where permitted under national and local regulations.

**14. TRANSPORT INFORMATION**

HAZARDOUS TECHNICAL NAME	: METHYL HYDROGEN SILOXANE / METHYL HYDROGEN CYCLOSILOXANES
HAZARDOUS CLASS	: None allocated
UN/NA NUMBER	: None allocated
INDIAN HAZCHEM CODE	: None allocated
POISONS SCHEDULED NUMBER	: Not applicable

**15. REGULARITY INFORMATION**

**CLASSIFICATION** : This product is classified under silicone fluid or labeled

**Chemical Inventory**

**India** : Away from direct sunligh

**16. OTHER INFORMATION**

Recommended uses and restrictions

Please consult the product and / or application information bulletins for this product

The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this safety data sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within our control, it is the user's obligation to determine the condition of safe use of the products.