

Material Safety Data Sheet
M30 Methylhydrogen Silicone Fluid



Data Prepared: October 15th, 2014

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

Product Name: **M30 Methylhydrogen Silicone Fluid**

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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

HMIS Rating: Health: 1 Flammability: 1 Reactivity: 1
NFPA Rating: Health: 1 Flammability: 1 Reactivity: 1

2. COMPOSITION /INFORMATION ON INGREDIENTS

CAS Number	% BY WEIGHT	Component Name
63148-57-2	60.0 to 100%	Methylhydrogenpolysiloxane

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: >176°C

EXTINGUISHING MEDIA

Suitable: Flammable
: CO₂, 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
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, °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

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.