

HAYNES Safety Data Sheet

Haynes Silicone Oil Haynes Manufacturing Company

1. IDENTIFICATION

Product Name:	Haynes Silicone Oil
Chemical Name:	N/A
Chemical Family:	Silicone Fluid
Manufacturer:	Haynes Manufacturing Co. 24142 Detroit Road Westlake, Ohio 44145, USA
Emergency Telephone Number:	1-800-992-2166 X195 or 1-440-871-2188 X195
For MSDS, Product Safety, or Regulatory Inquiries call:	1-800-992-2166 or 1-440-871-2188
Customer Service:	1-800-992-2166 or 1-440-871-2188

Recommended use of the chemical and restrictions on use

Recommended use	No information available
Applications	No information available

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: Liquid

Physical State: Liquid

Odor: None

Hazards Not Otherwise Classified (HNOC)

Not Applicable

OTHER INFORMATION

May be harmful in contact with skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No	Weight - %	Trade Secret
Dimethyl Siloxane, Trimethylsiloxy- Terminated	63148-62-9	60-100	*

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash skin with soap and water.
INHALATION	Remove to fresh air.
INGESTION	Clean mouth with water and drink afterwards plenty of water.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation, especially confined areas.

Environmental Precautions

Environmental Precautions: See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Ingredients with workplace exposure parameters

This product, as supplied, does not contain any hazardous material with occupational exposure limits established by the region specific regulatory bodies.

Appropriate Engineering Controls

Engineering controls Showers
Eyewash Stations

Individual protection measures, such as person protective equipment

Eye/Face Protection No special technical protective measures are necessary.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Liquid
Color	Colorless
Odor	None
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks •Method</u>
pH	No information available	
Melting point/Freezing point	No information available	
Boiling point/Boiling range	>65°C/149°F	
Flash point	>320°C/>248°F	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability limit in air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	0.97	
Water solubility		Immiscible in water
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	350	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

OTHER INFORMATION

Softening point	No information available
Molecular weight	No information available
VOC content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information	No data available
INHALATION	No data available
Eye Contact	No data available
Skin Contact	No data available
INGESTION	No data available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl Siloxane, Trimethylsiloxy – Terminated 63148-62-9	>24 g/kg (Rat) > 17 g/kg (Rat)	>2 g/kg (Rabbit)	–

Information on Toxicological Effects

Symptoms No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available
Germ Cell Mutagenicity	No information available
Carcinogenicity	No information available
Reproductive Toxicity	No information available
STOT – Single Exposure	No information available
STOT- Repeated Exposure	No information available
Aspiration Hazard	No information available

Numerical Measures of Toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	17,017.00 mg/kg
ATEmix (dermal)	2,002.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and Degradability

No information available

Bioaccumulation

No information available

Other Adverse Effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT:

NOT REGULATED

IATA:

NOT REGULATED

IMDG:

NOT REGULATED

TDG

NOT REGULATED

MEX:

NOT REGULATED

ICAO(AIR):

NOT REGULATED

RID:

NOT REGULATED

ADR:

NOT REGULATED

ADN:

NOT REGULATED

15. REGULATORY INFORMATION

International Inventories

TSCA

Complies

DSL/NDSL

Complies

EINECS/ELINCS

Complies

ENCS

Complies

IECSC

Complies

KECL

Complies

PICCS

Complies

AICS

Complies

Legend:

TSCA-

United States Toxic Substances Control ACT Section 8(b) Inventory

DSL/NDSL-

Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS-

European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS-

Japan Existing and New Chemical Substances

IECSC-

China Inventory of Existing Chemical Substances

KECL-

Korean Existing and Evaluated Chemical Substances

PICCS-

Philippines Inventory of Chemicals and Chemical Substances

AICS-

Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312

Acute Health Hazard	NO
Chronic health hazard	NO
Fire Hazard	NO
Sudden Release of Pressure Hazard	NO
Reactive Hazard	NO

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization ACT (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-To-Know Regulations

U.S. EPA Label Information

EPA Pesticide registration number: Not Applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health Hazards	0
	Flammability	1
	Instability	0
		-

HMIS	Health Hazards	0
	Flammability	1
	Physical Hazards	0
		-X

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Revision Note:	No information available.

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