SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier/Trademark used on the label

Product Name	Magic Lube® Silicone

Other means of identification

Product Code(s)	(650) (651) (656) (657)
Synonyms	Silicone Compound
NSF H-1 Registration number	122832

Recommended use of the chemical and restrictions on use

Recommended Use	Lubricants, Greases and Release Products
Uses advised against	No information available

Details of the supplier of the safety data sheet

Supplier Identification	Aladdin Equipment Co., Inc
Address	900 Sarasota Center Blvd Sarasota, FL 34240 USA
Telephone	941-371-3732

Emergency Telephone	CHEMTREC US 1-800-424-9300 INTERNATIONAL +1-703-527-3877

2. HAZARDS IDENTIFICATION

OSHA/HCS status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of the product.

Classification of the substance or mixture

Not classified.

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

Appearance Translucent White **Physical state** Semi-Solid / Paste / Gel **Odor** None

GHS Label elements, including precautionary statements

Signal word	No signal word
Hazard Statements	No know significant effects or critical hazards.

Precautionary statements

Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.

Other hazards which do not result in classification/HHNOC/PHNOC

None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture

Mixture

CAS number/other identifiers

CAS number	Not applicable.
Product code	(650) (651) (656) (657)

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational expose limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of necessary first aid measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	Flush contaminated skin with plenty of water. Get medical attention if irritation occurs.
Ingestion	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Note to physicians	Treat symptomatically.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or with out suitable training.

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media	Use dry chemical, CO_2, water spray (fog) or foam.
Unsuitable extinguishing media	None Known.
Specific hazards arising from the chemical	No specific fire or explosion hazard.
Hazardous thermal decomposition	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
Special protective actions for fire-fighter	No Special measures are required.
Special protective equipment for fire-fighters	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel — Put on appropriate personal protective equipment

For emergency responders — If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions — Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Small spill — Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill — Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water course, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures — Put on appropriate personal protective equipment (see Section 8).

Advise on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

United States

Occupational exposure limits

None.

Canada

Occupational exposure limits

None.

Appropriate engineering controls — Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls — Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist, gases or dust.

Skin protection

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training and other important aspects of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Semi-solid.
Color	Translucent White.
Odor	Mild.
Odor Threshold	Not available.
pH	Not available.
Melting point	Not available.
Boiling point	Not available.
Flash point	Open cup: 298.89°C (570°F) [Cleveland]
Evaporation Rate	Not available.
Flammability (solid, gas)	Not available.
Lower explosive (flammability) limit	Not available.
Upper explosive (flammability) limit	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.0 g/ml
Solubility	Insoluble in water.
Partition coefficient: n-octanol/water	Not Available.
Auto-ignition temperature	Not Available.
Decomposition temperature	Not Available.
Viscosity	Not Available.

10. STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients
Chemical stability	The product is stable.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Do not heat above flash point
Incompatible materials	Reactive or incompatible with the following: Welding, oxidizing materials.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity

There is no data available.

Irritation/Corrosion

There is no data available.

Sensitization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

There is no data available.

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on the likely routes of exposure	Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact	No know significant effects or critical hazards.
Inhalation	No know significant effects or critical hazards.
Skin contact	No know significant effects or critical hazards.
Ingestion	No know significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	No know significant effects or critical hazards.
Inhalation	No know significant effects or critical hazards.
Skin contact	No know significant effects or critical hazards.
Ingestion	No know significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	No know significant effects or critical hazards.
Potential delayed effects	No know significant effects or critical hazards.

Long term exposure

Potential immediate effects	No know significant effects or critical hazards.
Potential delayed effects	No know significant effects or critical hazards.

Potential chronic health effects

General	No know significant effects or critical hazards.
Carcinogenicity	No know significant effects or critical hazards.
Mutagenicity	No know significant effects or critical hazards.
Teratogenicity	No know significant effects or critical hazards.
Developmental effects	No know significant effects or critical hazards.
Fertility effects	No know significant effects or critical hazards.

Numerical measures of toxicity

Acute Toxicity estimates

There is no data available.

12. ECOLOGICAL INFORMATION

Toxicity

There is no data available.

Persistence and Degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil

Soil/water partition coefficient (Koc) Not available.

Other adverse effects No know significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal methods The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

	DOT	TDG	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.
Additional Information	-	-	-	-

AERG: Not applicable.

Special precautions for user **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

U.S. Federal regulations **TSCA 8(a) PAIR**: Siloxanes and Silicones, di-Me; Octamethylcyclotetrasiloxane
TSCA 8(a) CDR Exempt/Partial exemption: Not Determined
United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) Not listed

Clean Air Act Section 602 Class I Substances Not listed

Clean Air Act Section 602 Class II Substances Not listed

DEA List I Chemicals (Precursor Chemicals) Not listed

DEA List II Chemicals (Essential Chemicals) Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ Not applicable.

SARA 311/312

Classification Not applicable.

SARA 313

There is no data available.

State regulations

Massachusetts	None of the components are listed.
New York	None of the components are listed.
New Jersey	None of the components are listed.
Pennsylvania	None of the components are listed.

California Prop. 65

No products were found.

Canada

Canadian lists

Canadian NPRI	None of the components are listed.
CEPA Toxic substances	None of the components are listed.
Canada inventory	All components are listed or exempted.

International lists

National inventory

Australia	All components are listed or exempted.
China	All components are listed or exempted.
New Zealand	All components are listed or exempted.
Philippines	All components are listed or exempted.
Republic of Korea	All components are listed or exempted.
Taiwan	All components are listed or exempted.

16. OTHER INFORMATION

Hazardous Material Information Systems (U.S.A.)

Health: 1 *Flammability: 1 Physical hazards: 1

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health: 1 Flammability: 1 Instability: 1

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Procedure used to derive the classification

Classification	Justification
Not classified.	

History

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