

# Material Safety Data Sheet

MSDS NO:TUBE-0016

Revision date:2020-03-06

## 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

**Product Name:**TUBE 10g SILICONE GREASE

### Company Details

**Manufacturer/Supplier:**EST GROUP CO., LTD.

**Address:** No.1 Sandun Rd, Xihu District, Hangzhou, China

Postal Code:310030

**Telephone Number:** (86 571) 81022450

**Email Address:** sales@maxtoch.com

## 2. HAZARD IDENTIFICATION

**2.1 Hazard Classification:** Not hazardous.

### 2.2 Label Elements Including Precautionary Statements

**Symbol:** None.

**Signal Word:** None.

**Hazard Risk Statement:** Not hazardous.

**Precautionary Statement:** Avoid contact with skin and eyes.

Use only outdoors or in a well-ventilated area.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water.

**2.3 Other Hazard:** None known.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**3.1 Chemical characterization:** Mixture

### 3.2 Hazardous Ingredients

Chemical Name	CAS No.	% (w/w)
Dimethyl silicone oil	63148-62-9	85-95
Silica gel	112945-52-5	5-15

## 4. FIRST AID MEASURES

### 4.1 First Aid Measures

**Eyes:** Immediately flush with water.

**Skin:** Wash off with soap and water.

**Inhalation:** No first aid should be needed.

**Oral:** Get medical attention.

**Comments:** Treat symptomatically.

**4.2 Important Symptoms and Hazard Effects:** No significant adverse effects from normal use.

### 4.3 Personal Protection for First Aid or Rescue Personnel

**Respiratory Protection:** No respiratory protection should be needed.

**Eye Protection:** Use proper protection - safety glasses as a minimum.

**Skin Protection:** Washing at mealtime and end of shift is adequate.

**4.4 Note to physicians:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**5.1 Suitable Extinguishing Media:** On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.

**5.2 Unsuitable Extinguishing Media:** None established.

**5.3 Specific Hazards:** None.

**5.4 Special Fire Fighting Procedures:**

Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**5.5 Special protective equipment for the Fire Fighters:**

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

## 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal Precautions:** Avoid skin and eye contact. Do not take internally.

**6.2 Environmental Precautions:**

Do not allow large quantities to enter drains or surface waters.

**6.3 Methods for Cleaning up:**

Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Wipe up or scrape up and contain for salvage or disposal. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

## 7. HANDLING AND STORAGE

**7.1 Handling Precautions:** Use with adequate ventilation. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

**7.2 Storage Conditions:** Use reasonable care and store away from oxidizing materials.

**7.3 Unsuitable Packaging Materials:** None established.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Engineering Controls**

**Local Ventilation:** None should be needed.

**General Ventilation:** Recommended.

**8.2 Personal Protective Equipment for Routine Handling**

**Respiratory protection:** No respiratory protection should be needed.

**Suitable Respirator:** None should be needed.

**Eye protection:** Use proper protection - safety glasses as a minimum.

**Hand protection:** Chemical protective gloves should be worn where repeated or prolonged contact can occur.

**Skin protection:** Washing at mealtime and end of shift is adequate.

**Hygiene Measures:** Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

**8.3 Personal Protective Equipment for Spills**

**Respiratory protection:** No respiratory protection should be needed.

**Eye protection:** Use proper protection - safety glasses as a minimum.

**Skin protection:** Washing at mealtime and end of shift is adequate.

**Precautionary Measures:** Avoid skin and eye contact. Do not take internally. Use reasonable care.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Physical Form:** Grease

- 9.2 Color:** White, smooth grease
- 9.3 Odor:** Odorless
- 9.4 pH:** Not determined.
- 9.5 Melting Point:** Not determined.
- 9.6 Boiling point/range:** Not determined.
- 9.7 Flash Point:** Not applicable.
- 9.8 Explosive Limit:** Not determined.
- 9.9 Vapor Pressure @ 25°C:** < 0.5 Pa at 20 °C (estimated value(s))
- 9.10 Vapour Density (air=1):** Not determined.
- 9.11 Specific Gravity:** 0.950 at 15 °C
- 9.12 Water Solubility:** Not determined.
- 9.13 Partition Coefficient (n-Octanol/Water):** >3.5
- 9.14 Autoignition temperature:** Not determined.
- 9.15 Decomposition Temperature :** Not determined.
- 9.16 Odor Threshold:** Not determined.
- 9.17 Evaporation Rate:** Not determined.
- 9.18 Flammability (Solid, Gas):** Not applicable.

## 10. STABILITY AND REACTIVITY

- 10.1 Stability:** Stable.
- 10.2 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.3 Conditions to Avoid:** None.
- 10.4 Materials to Avoid:** Can react with strong oxidising agents.
- 10.5 Hazardous Decomposition Products:**  
Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Metal oxides.

## 11. TOXICOLOGICAL INFORMATION

### Toxicity Information:

Non-Toxic Based on components(s)  
ts expected from a single short-term exposure.

### Chronic Toxicity

**Skin:** Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.

**Ingestion:** Repeated ingestion or swallowing large amounts may injure internally.

**Inhalation:** No known applicable information.

**Other Health Hazard Information:** No known applicable information.

## 12. ECOLOGICAL INFORMATION

### 12.1 Aquatic and Terrestrial Ecotoxicity Ecotoxicity Effects:

**Acute:** No adverse effects on aquatic organisms are predicted.

**Chronic:** No adverse effects on aquatic organisms are predicted.

**Fate and Effects in Waste Water Treatment Plants:** No adverse effects on bacteria are predicted.

**12.2 Persistence and Degradability Water:** Solid material, insoluble in water.

**12.3 Bioaccumulative Potential Bioaccumulation:** No bioaccumulation potential.

**12.4 Mobility in Soil:** This product is a solid and does not contain significant concentrations of water soluble constituents that may be leached from the product. It is therefore not likely to present a danger to terrestrial organisms.

**12.5 Additional Environmental Information:** No specific information is available.

## 13. DISPOSAL CONSIDERATIONS

**13.1 Product Disposal:** Dispose of in accordance with local regulations.

**13.2 Packaging Disposal:** Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**14.1 Road and Rail Transport :** Not applicable.

**14.2 Sea Transport (IMDG) :** Not subject to IMDG code.

**14.3 Air Transport (IATA) :** Not subject to IATA regulations.

**14.4 Special Requirements and Additional Information :** None.

## 15. REGULATORY INFORMATION

**15.1 Applicable Laws:** Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace

General rule for classification and hazard communication of chemicals [GB 13690-2009]

15.2 The components of this product are reported in the following inventories:

IECSC	All components of this product are on the Chinese IECSC list.
US.TSCA	On the inventory, or in compliance with the inventory
EINECS	On the inventory, or in compliance with the inventory
DSL	On the inventory, or in compliance with the inventory
AICS	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory

## 16. OTHER INFORMATION

**16.1 Contact Point:** Technical Information Center 0086 571 81022450

**16.2 Prepared by:** EST GROUP CO., LTD.

The quoted data are from, but not limited to, one or more sources of information (e.g. toxicological data from material suppliers' data, CONCAWE, EU IUCLID date base, EC 1272 regulation, etc).