



Orsil

Material Safety Data Sheet

Product	Silicone oil
CAS RN.	63148-62-9

1 - Chemical Product and Company Identification

Product name : Orsil

2 - Composition, Information on Ingredients

Ingredient : Silicone oil

Principal components : Silicone oil

CAS RN : 63148-62-9

Formula : $C_6H_{18}OSi_2$

Explosive limits : Not available

Hazardous impurities : Not available

3 - Hazards Identifications

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting, if conscious and alert, rinse mouth and drink 2-4 couples of milk or water

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively

5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand,

MSHA(Mine Safety and Health Administration)/NIOSH (National Institute for Occupational Safety and Health)(approved or equivalent), and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, chemical foam or alcohol –resistant



foam

6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage: Store in a cool, dry place. Keep container closed when not in use.

8 - Exposure Controls, Personal Protection

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

9 - Physical and Chemical Properties

Physical State:	Liquid
Appearance:	pale yellow transparent liquid, weak odor
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	-50°C.
Autoignition Temperature:	Not available.
Flash Point:	300°C.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	Not available.
Solubility in water:	PRACTICALLY INSOLUBLE.
Specific Gravity/Density:	0.963

Molecular Formula: $C_6H_{18}OSi_2$

Molecular Weight: 162.37932

10 - Stability and Reactivity



Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, strong oxidants.

Incompatibilities with Other Materials: Strong oxidizing agents, strong bases.

Hazardous decomposition Products: carbon monoxide, carbon dioxide, nitrogen oxides

11 - Toxicological Information

Not available

12 - Ecological Information

No information available.

13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations

14 - Transport Information

Not regulated by IATA(International Air Transport Association) /IMO(International Marine Organization)
/RID/ADR as hazardous material

15 - Regulatory Information

Not available

16 - Additional Information

MSDS Creation Date : 09 / 28 / 2006

MSDS Revised Date : 09/ 28 / 2020

The above data and information are thought to be accurate and are the best currently available to keylab .we will never be held responsible for any loss and damage resulting from using the above data .Users should make their own determination when handling the product .