

SAFETY DATA SHEET

1. Identification of the Substance and of the Company

Revised: July 26, 2022

Product Name: Silicone Fluid 350**WC Code:** 19-122**Product Use:**

- Cosmetics
- Intermediate
- Process regulators, other polymerization or vulcanization processes
- Anti - set off and adhesive agents

Company**WINTERSUN CHEMICAL**

1250 E. Belmont St.

Ontario, CA 91761

Call: 909-930-1688

Information / Emergency Telephone**PERS (Professional Emergency Resource Services)**

Domestic Shipments and to Canada: 1-800-633-8253

International Shipments: 1-801-629-0667

2. Hazard Identification

GHS-US Classification

Not classified

GHS-US Label Elements

Not applicable

Hazards not covered by GHS-US

Not classified

3. Composition/ Information on Ingredients

Substance/ Mixture: Dimethyl Siloxane, Trimethylsiloxy / terminated**Chemical nature:** Silicone**CAS No:** 63148-62-9**Appearance:** Colorless liquid**Hazardous components:** No hazardous ingredients

4. First-Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention if irritation occurs.

Skin Contact

Remove any contaminated clothing. Wipe off excess from skin. Wash skin with soap and flush with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Inhalation

If inhaled, remove to fresh air immediately and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention for any breathing difficulty.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Most important symptoms and effects, both acute and delayed

None known.

Protection of first - aiders

No special precautions are necessary for first aid responders.

Notes to physician

Treat symptomatically and supportively.

5. Fire Fighting Measures**Special Hazards Arising from the Substance or Mixture**

Exposure to combustion products may be a hazard to health

Hazardous combustion products:

- Carbon oxides
- Silicon oxides
- Formaldehyde

Fire-Fighting Equipment/ Instructions

Evacuate personnel to a safe area. If necessary, firefighters should use self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media

Suitable extinguishing media such as water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific extinguishing methods

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Cool containers/tanks with water spray. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

Use proper personal protective equipment as indicated in Section 8. Keep unnecessary personnel away to safe areas. Do not touch damaged containers or spilled material unless

wearing appropriate protective clothing. Avoid inhalation of vapors, mist or gas. Ensure adequate ventilation.

Methods and materials for containment and cleaning up

Handle in accordance with industrial hygiene and safety practices. Contain spills with sand, clay, or other inert absorbent material and then place in suitable container. Keep in suitable, closed containers for disposal according to local and regional authority requirements.

For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store 3 recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national 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 regulations are applicable.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Local authorities should be advised if significant spillages cannot be contained.

7. Handling and Storage**Precautions**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Do not swallow. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Wash hands and other exposed areas with mild soap and water after handling. Handle in accordance with good industrial hygiene and safety procedures.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep container dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Keep in properly labeled containers. Store in accordance with the storage particular national regulations. Do not store with the following product types: Strong oxidizing agents. Empty containers should be handled with care because it may contain residual amounts of this product.

8. Exposure Controls / Personal Protection**Exposure Limit**

Contains no substances with occupational exposure limit values.

Engineering Controls

Use adequate ventilation or other engineering controls to keep airborne concentrations below recommended exposure limits. See **OSHA Regulations state in 29 CFR 1910.151 (c)** for an eyewash facility and safety shower requirement.

Personal Protection

Eyes: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134. No personal respiratory protective equipment normally required. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and Chemical Properties

Appearance: Colorless liquid

Odour: None

Odour Threshold: No data available

pH: No data available

Melting point/ freezing point: No data available

Initial boiling point/ Boiling range: > 65 °C

Evaporation rate: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: 0.97

Water solubility: No data available

Viscosity, kinematic: 350 cSt

Oxidizing properties: The substance or mixture is not classified as oxidizing.

Auto-ignition Temperature: No data available

Flash Point: 368.3 °C, Method: closed cup

Explosion Limits: Not explosive

Flammability of the Product: Not applicable

10. Stability and Reactivity

Stability: Stable under ordinary conditions

Reactivity: Not classified as a reactivity hazard.

Possibility of hazardous reactions: Can react with strong oxidizing agents.

When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required. See OSHA formaldehyde standard, 29 CFR 1910.1048. Hazardous decomposition products will be formed at elevated temperatures.

Conditions to avoid: No data available

Incompatibilities with other materials: Oxidizing agents

Hazardous decomposition products: Formaldehyde

Hazardous polymerization: No data available

11. Toxicological Information

Information on likely routes of exposure

Inhalation

Skin contact

Ingestion

Eye Contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity:

LD50 (Rat): > 15,400 mg/kg

Assessment: The substance or mixture has no acute oral toxicity.

Remarks: Based on data from similar materials

Acute dermal toxicity:

LD50 (Rabbit): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal toxicity

Remarks: Based on data from similar materials

Skin corrosion/ irritation

Not classified based on available information

Product:

Species: Rabbit

Result: No skin irritation

Remarks: Based on data from similar materials

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Species: Rabbit

Result: No eye irritation

Remarks: Based on data from similar materials

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Product:

Assessment: Does not cause skin sensitization.

Test Type: Maximization Test (GPMT)

Species: Guinea pig

Remarks: No known sensitizing effect.

Based on test from similar material

Germ cell mutagenicity

Not classified based on available information.

Product:

Genotoxicity in vitro:

Test Type: Bacterial reverse mutation assay (AMES)

Result: negative

Remarks: Based on test data

Carcinogenicity

Not classified based on available information.

Product:

Species: Rat

Application Route: Ingestion

Result: negative

Remarks: Based on data from similar materials

Carcinogenicity – Assessment: Animal testing did not show any carcinogenic effects.

IARC

No ingredient of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

NTP

No ingredient of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Product:**Effects on fertility:**

Species: Rabbit, male

Application Route: Ingestion

Symptoms: No effects on fertility.

Remarks: Based on data from similar materials

Effects on fetal development:

Test Type: Prenatal development toxicity study (teratogenicity)

Species: Rabbit, female

Application Route: Skin contact

Symptoms: No effects on fetal development.

Remarks: Based on data from similar materials.

Reproductive toxicity – Assessment:

No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Product:

Exposure routes: Ingestion

Assessment: No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.

Exposure routes : Skin contact

Assessment: No significant health effects observed in animals at concentrations of 200 mg/kg bw or less.

Repeated dose toxicity**Product:**

Species: Rat

Application Route: Ingestion

Remarks: Based on data from similar materials

Species: Rabbit

Application Route: Skin contact
Remarks: Based on data from similar materials

Aspiration toxicity

Not classified based on available information.

12. Ecological Information

No data available

13. Disposal Information**Resource Conservation and Recovery Act (RCRA)**

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

Waste Disposal

Keep out of sewers and waterways. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information**US DOT**

Not regulated as a hazardous material

IMDG/ IATA

Not regulated as a hazardous material

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

Domestic regulation 49 CFR

Not regulated as a dangerous good

15. Regulatory Information**SARA 302**

No chemicals are reportable under Section 302

SARA 311/312 Hazards

No SARA Hazards

CERCLA/SARA Section 313

No chemicals are reportable under Section 313.

US State**State Right to Know:**

This chemical is listed on the following state right to know lists: New Jersey, Pennsylvania.

California Regulations**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

KECI : All ingredients listed, exempt or notified.

REACH : All ingredients (pre) - registered or exempt

TSCA : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

AICS : All ingredients listed or exempt.

IECSC : All ingredients listed or exempt.

ENCS/ISHL : All components are listed on ENCS/ISHL or exempted from inventory listing.

PICCS : All ingredients listed or exempt.

DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian

Domestic Substances list (DSL).

NZIoC : All ingredients listed or exempt.

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA(USA).

16. Other Information**HMIS Rating**

Health: 0

Flammability: 1

Physical Hazard 0

Personal Protection:

NFPA Rating

Health: 0

Flammability: 1

Instability: 0

Special Hazards:

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