




SAFETY DATA SHEET

WHMIS 2015 • OSHA HCS (29 CFR 1910.1200) • NOM-018-STPS-2015

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

| | |
|--|--|
| 1.1 Product identifier | |
| Product Name | Silquat 3150 |
| Product code | 4450 |
| Chemical Name | Mixture |
| CAS No. | 588707-20-4 / 68604-75-1 / 61790-41-8 / 67-63-0 |
| 1.2 Recommended use of the chemical and restrictions on use | |
| Identified use(s) | Additive, Coatings |
| Uses advised against | Not available |
| 1.3 Details of the supplier of the Safety Data Sheet | |
| Company Identification | Siltech Corp 225 Wicksteed Ave Toronto, ON Canada M4H 1G5 |
| Telephone | +1-416-424-4567 |
| Fax | +1-416-424-3158 |
| E-Mail (competent person) | marsha.carter@siltech.com |
| Additional Location | Siltech Corp 3265 Wolfedale Road Mississauga, ON Canada L5C 1V8 |
| Telephone | +1-905-270-5534 |
| Fax | +1-905-270-5816 |
| 1.4 Emergency telephone number | |
| Emergency Phone No. | CANUTEC - TELEPHONE: EMERGENCY USE ONLY +1-613-996-6666 |

2. SECTION 2: HAZARDS IDENTIFICATION

| | |
|---|--|
| 2.1 Classification of the substance or mixture | |
| | Flam. Liq. 2 Skin Corr. 1 Eye Dam. 1 STOT SE 3 - Inhalation Acute Tox. 4 - Oral Aquatic Chronic 3 |
| 2.2 Label elements | |
| Product Name | Silquat 3150 |
| Symbol |  |
| Signal word(s) | DANGER |
| Hazard statement(s) | H225: Highly flammable liquid and vapour. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long lasting effects. |
| Precautionary statement(s) | P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting/equipment. P242: Use only non-sparking tools. |

P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to: Observe Local Regulations.
None known

2.3 Other hazards

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

| Hazardous ingredient(s) | Synonym(s) | %W/W | CAS No. | EC No. | Hazard pictogram(s) and Hazard statement(s) |
|---|--|---------|------------|-----------|---|
| Isopropyl alcohol | 2-Propanol | 20 - 40 | 67-63-0 | 200-661-7 | GHS02, GHS07 H225, H319, H336 |
| Quaternary ammonium compounds, trimethylsoya alkyl, chlorides | Soya alkyltrimethyl ammonium chlorides | 20 - 30 | 61790-41-8 | 263-134-0 | GHS05, GHS07 H302, H314 |
| Fatty acids, coco, reaction products with diethylenetriamine and soya fatty acids, ethoxylated, chloromethane quaternized | --- | 10 - 20 | 68604-75-1 | 614-644-0 | GHS05, GHS07 H302, H315, H318, H412 |

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Obtain medical attention if ill effects occur.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes.

- Ingestion
Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if ill effects occur.
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- 4.2 Most important symptoms and effects, both acute and delayed** Not available.
- 4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Extinguishing Media**
Suitable Extinguishing Media In case of fire, use water spray, foam, dry powder or CO2 for extinction. Keep containers cool by spraying with water if exposed to fire.
Unsuitable Extinguishing Media Do not use water jet.
- 5.2 Special hazards arising from the substance or mixture** Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde.
- 5.3 Advice for fire-fighters** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Eliminate all ignition sources if safe to do so.
- 6.2 Environmental precautions** Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up** Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.
- 6.4 Reference to other sections** See Section: 7 & 8.

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid contact with skin and eyes. Avoid ingestion. Use only with sufficient ventilation. Ground/bond container and receiving equipment. Wash thoroughly after handling. General hygiene measures for the handling of chemicals are applicable.
- 7.2 Conditions for safe storage, including any incompatibilities** Store in a tightly closed container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Storage Temperature Ambient
Storage Life Stable under normal conditions.
Incompatible materials Oxidizing agents
- 7.3 Specific end use(s)** Industrial use

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational Exposure Limits

| SUBSTANCE | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note |
|-------------------|---------|------------------------|---------------------------------------|---------------|------------------------------|------|
| Isopropyl Alcohol | 67-63-0 | 400 | | | | |

- 8.1.2 Biological limit value** Not established
- 8.1.3 PNECs and DNELs** Not established
- 8.2 Exposure controls**
8.2.1 Appropriate engineering controls Local exhaust ventilation is required.

8.2.2 Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear impervious gloves (EN374).
Nitrile rubber, Neoprene, Rubber

Respiratory protection



Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved.

Thermal hazards

Flammable liquid

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------------------|
| Appearance | Liquid (Yellow / clear - hazy) |
| Odour | Characteristic |
| Odour Threshold | Not available. |
| pH | Not available. |
| Melting Point/Freezing Point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point (PMCC) | 13°C |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not available. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density / Specific Gravity (25°C) | 0.95 |
| Solubility(ies) | Dispersible in water. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition Temperature | Not available. |
| Viscosity (25°C) | Not available. |
| Explosive properties | Not applicable. |
| Oxidising properties | Not applicable. |

10. SECTION 10: STABILITY AND REACTIVITY

| | |
|---|--|
| 10.1 Reactivity | Stable under normal conditions. |
| 10.2 Chemical stability | Stable under normal conditions. |
| 10.3 Possibility of hazardous reactions | May form explosive mixtures with air. |
| 10.4 Conditions to avoid | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| 10.5 Incompatible materials | Oxidizing agents. |
| 10.6 Hazardous Decomposition Product(s) | Silicon Dioxide, carbon oxides, incompletely burned carbon compounds, formaldehyde. |

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

| | |
|--------------|--|
| Ingestion | May be harmful if swallowed. |
| Inhalation | May be harmful if inhaled. |
| Skin Contact | Causes severe skin burns and eye damage. |

| | |
|---|--|
| Eye Contact | Causes severe skin burns and eye damage. |
| Effects and Symptoms | |
| skin corrosion/irritation | Causes severe skin burns and eye damage. |
| Serious eye damage/irritation | Causes severe skin burns and eye damage. |
| Respiratory or skin sensitization | Not classified |
| Germ cell mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| STOT - single exposure | May be harmful if inhaled. May cause drowsiness and dizziness. |
| STOT - repeated exposure | Not classified |
| Aspiration hazard | Not classified |
| Delayed and chronic effects | Not available. |
| Calculated acute toxicity estimate (ATE) | Not available. |

12. SECTION 12: ECOLOGICAL INFORMATION

| | |
|---|--|
| 12.1 Toxicity | Harmful to aquatic life with long lasting effects. |
| 12.2 Persistence and degradability | Not available. |
| 12.3 Bioaccumulative potential | Not available. |
| 12.4 Mobility in soil | Not available. |
| 12.5 Results of PBT and VPVB assessment | Not available. |
| 12.6 Other adverse effects | None known. |

13. SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|------------------------------|---|
| 13.1 Waste treatment methods | Do not empty into drains; dispose of this material and its container in a safe way. |
| 13.2 Additional Information | Dispose of contents in accordance with local, state or national legislation. |

14. SECTION 14: TRANSPORT INFORMATION

| | |
|---------------------------------|---|
| 14.1 UN number | 1993 |
| 14.2 UN Proper Shipping Name | FLAMMABLE LIQUIDS N.O.S. (Isopropanol solution) |
| 14.3 Transport hazard class(es) | 3 (8) |
| 14.4 Packing Group | II |

15. SECTION 15: REGULATORY INFORMATION

| | |
|---|--|
| 15.1 EU regulations | |
| REACH Registration No. | Not available |
| Candidate List of Substances of Very High Concern for Authorisation | Possible trace amounts of: Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1% Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1% Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1% |

15.2 International Inventories

| Country | Listed | Not listed | Polymer exempt | Other |
|--------------------------------|---------|------------|----------------|-------|
| United States (TSCA) | Active✓ | | | |
| Canada (DSL/NDL) | DSL✓ | | | |
| European Union (EINECS/ELINCS) | ✓ | | ✓ | |
| Australia (AICS) | | X | | |
| China (IECSC) | | X | | |
| Japan (ENCS) | | X | | |

| | | | | |
|---------------------|---|---|--|--|
| South Korea (KECI) | | X | | |
| Taiwan (TCSI) | ✓ | | | |
| New Zealand (NZIoC) | | X | | |
| Philippines (PICCS) | | X | | |

15.3 National regulations

TSCA Inventory Status : All chemicals in this product comply with TSCA rules and regulations including TSCA Section 5 (Inventory Rules).

HMIS (Hazardous Material Information System) **H = 2 / F = 3 / R = 0**

NFPA Rating **H = 2 / F = 3 / R = 0**

15.4 US State Regulations

15.4.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM None known.

15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER None known.

15.4.3 State Right to Know Lists **Isopropanol (CAS# 67-63-0) 20 – 40%**
Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.1%

16. SECTION 16: OTHER INFORMATION

Date of Last Change: **February 01, 2024**

LEGEND

- LTEL Long term exposure limit
- STEL Short term exposure limit
- STOT Specific Target Organ Toxicity
- DNEL Derived No Effect Level
- PNEC Predicted No Effect Concentration
- PBT Persistent, Bioaccumulative and Toxic
- vPvB very Persistent and very Bioaccumulative

Hazard statement(s) and Precautionary statement(s)

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- P501: Dispose of contents/container to: Observe Local Regulations.

Hazard pictogram(s) and Hazard Symbol



Additional Information

Disclaimers

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