




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 J208-1B |
| Product code | 3881 |
| Chemical Name | Not available |
| CAS No. | 1034336-15-6 / 107-41-5 |
| Alternative names (INCI) | PEG-8 Distearmonium Chloride PG-Dimethicone |
| 1.2 Recommended use of the chemical and restrictions on use | |
| Identified use(s) | Surface active agent, Fabric Softener, Additive PC39 Cosmetics, personal care products |
| Uses advised against | None known |
| 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 | |
| | Skin Irrit. 2 Eye Irrit. 2 |
| 2.2 Label elements | |
| Product Name | Silquat J208-1B |
| Symbol |  |
| Signal word(s) | Warning |
| Hazard statement(s) | H315: Causes skin irritation. H319: Causes serious eye irritation. |
| Precautionary statement(s) | P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362: Take off contaminated clothing and wash before |

reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents/container to:Observe Local Regulations.

2.3 Other hazards None known

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) |
|--------------------------|-----------------|---------|----------|-----------|---|
| 2-methylpentane-2,4-diol | Hexylene Glycol | 25 - 45 | 107-41-5 | 203-489-0 | GHS07: H315, H319 |

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs, get medical advice/attention.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed None known.

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 None known

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.

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. Wash thoroughly after handling. General hygiene measures for the handling of chemicals are applicable.
- 7.2 Conditions for safe storage, including any incompatibilities**
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 |
|-----------------|----------|---------------------|------------------------------------|------------|---------------------------|------|
| Hexylene Glycol | 107-41-5 | 25 | | | | |

- 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** Provide adequate ventilation.
- 8.2.2 Personal protection equipment**
- Eye/face protection  Wear protective eyewear (goggles, face shield, or safety glasses).
- Skin protection (Hand protection/ Other)  Wear suitable gloves if prolonged skin contact is likely. Nitrile rubber, Neoprene.
- Respiratory protection  Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved.
- Thermal hazards  None.
- 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: Coloured liquid (Yellow)
- Odour: Characteristic odour.
- Odour Threshold: Not available.
- pH: Not available.
- Melting Point/Freezing Point: Not available.
- Initial boiling point and boiling range: >198°C @ 760mmHg
- Flash point (PMCC): >102°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): 0.96

| | |
|--|-------------------|
| Solubility(ies) | Soluble in water. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition Temperature | Not available. |
| Viscosity (25°C) | 300 - 500 cps |
| 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 | Will not occur. |
| 10.4 Conditions to avoid | None known. |
| 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 | Hexylene Glycol [LD50 (oral,rat) mg/kg: 3700] |
| Inhalation | High concentrations of vapour may be irritant to the respiratory tract. |
| Skin Contact | May cause irritation |
| Eye Contact | May cause irritation |
| Effects and Symptoms | |
| skin corrosion/irritation | Causes skin irritation. |
| Serious eye damage/irritation | Causes eye irritation. |
| Respiratory or skin sensitization | Not classified |
| Germ cell mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| STOT - single exposure | Not classified |
| 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 | Not available. |
| 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 DOT / TDG / Road/Rail (ADR/RID) | Not classified as hazardous for road transport. Not classified as hazardous for rail transport. |
|---|--|

14.2 Air (ICAO/IATA)

Not classified as hazardous for air transport.

14.3 Sea (IMDG)

Not classified as hazardous for marine transport.

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations

REACH Registration No.

Polymer exempt. / 01-2119539582-35-xxxx

Candidate List of Substances of Very High Concern for Authorisation

Possible trace amounts of:

Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.01%

Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.01%

Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%

1,4-Dioxane (CAS# 123-91-1) < 1 ppm

15.2 International Inventories

| Country | Listed | Not listed | Polymer exempt | Other |
|--------------------------------|--------|------------|----------------|-------|
| United States (TSCA) | | X | | |
| Canada (DSL/NDL) | | X | | |
| European Union (EINECS/ELINCS) | ✓ | | ✓ | |
| Australia (AICS) | | X | | |
| China (IECSC) | | X | | |
| Japan (ENCS) | | X | | |
| South Korea (KECI) | | X | | |
| Taiwan (TCSI) | | X | | |
| New Zealand (NZIoC) | | X | | |
| Philippines (PICCS) | | X | | |

15.3 National regulations

United States (TSCA)

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

HMIS (Hazardous Material Information System)

H = 2 / F = 1 / R = 0

NFPA Rating

H = 2 / F = 1 / 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

Specific Listing(s) not required

Possible trace amounts of:

Ethylene Oxide (CAS# 75-21-8) < 1 ppm

15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER

Specific Listing(s) not required

Possible trace amounts of:

Ethylene Oxide (CAS# 75-21-8) < 1 ppm

1,4-Dioxane (CAS# 123-91-1) < 1 ppm

15.4.3 State Right to Know Lists

Hexylene glycol (CAS#107-41-5) : 25 - 45%

Specific Listing(s) not required

Possible trace amounts of:

Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.01%

Ethylene Oxide (CAS# 75-21-8) < 1 ppm

1,4-Dioxane (CAS# 123-91-1) < 1 ppm

16. SECTION 16: OTHER INFORMATION

Revision: **January 27, 2023**

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)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

P264: Wash hands and exposed skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Hazard pictogram(s) and Hazard Symbol



GHS07

Additional Information

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