



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 **Silamine 2972**
Product code 4914.3
Chemical Name Siloxanes and silicones, 3-aminopropyl Me, di-Me, [(3-aminopropyl)ethoxymethylsilyl]-oxy-terminated
CAS No. 192888-42-9
Alternative names (INCI) Bis-Aminopropyl Dimethicone
- 1.2 Recommended use of the chemical and restrictions on use**
Identified use(s) 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) raj@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. **CANUTECH - TELEPHONE: EMERGENCY USE ONLY**
+1-613-996-6666

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture** **Not classified**
- 2.2 Label elements**
Product Name **Silamine 2972**
Symbol None.
Signal word(s) None.
Hazard statement(s) None.
Precautionary statement(s) P262: Do not get in eyes, on skin, or on clothing.
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** Some hydrogen gas may be released. Hydrogen is flammable and can form explosive mixtures with air.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

| Hazardous ingredient(s) | Synonym(s) | %W/W | CAS No. | EC No. | Hazard pictogram(s) and Hazard statement(s) |
|------------------------------|------------|-------|----------|-----------|---|
| Ethyl Alcohol | Ethanol | < 2.0 | 64-17-5 | 200-578-6 | GHS02 : H225 |
| Octamethylcyclotetrasiloxane | D4 | < 0.1 | 556-67-2 | 209-136-7 | GHS02, GHS08 H226, H361f, H413 |

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation
Skin Contact

Remove persons affected by vapour to fresh air.
Wash affected area with plenty of soap and water. Obtain medical attention if ill effects occur.

Eye Contact

If substance has got into the eyes, immediately wash out with plenty of water for several minutes. Obtain medical attention if ill effects occur.

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

Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary 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

Store in a tightly closed container.

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 |
|-----------|---------|---------------------|------------------------------------|------------|---------------------------|------|
| Ethanol | 64-17-5 | | 1920 | | | |

| | |
|---|---|
| 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. |
|  | |
| 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 | Colourless to yellowish liquid. |
| Odour | Characteristic odour. |
| Odour Threshold | Not available. |
| pH | Not available. |
| Melting Point/Freezing Point | Not available. |
| Initial boiling point and boiling range | >100°C @ 760mmHg |
| Flash point (PMCC) | >100°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) | 0.99 |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition Temperature | Not available. |
| Viscosity (25°C) | 800 - 5000 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 | Low toxicity under normal conditions of handling and use. |
| Inhalation | Mist may cause irritation. |
| Skin Contact | May cause irritation |
| Eye Contact | May cause irritation |

Effects and Symptoms

| | |
|--|----------------|
| skin corrosion/irritation | Not classified |
| Serious eye damage/irritation | Not classified |
| 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. |
| Candidate List of Substances of Very High Concern for Authorisation | Possible trace amounts of: (< 0.1%) Octamethylcyclotetrasiloxane (CAS# 556-67-2) Decamethylcyclopentasiloxane (CAS# 541-02-6) Dodecamethylcyclohexasiloxane (CAS# 540-97-6) |

15.2 International Inventories

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

H = 1 / F = 1 / R = 0
H = 1 / 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

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

Ethanol (CAS# 64-17-5) < 2.0%

16. SECTION 16: OTHER INFORMATION

Revision: **November 01, 2018**

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

References:

Hazard statement(s) and Precautionary statement(s)

P262: Do not get in eyes, on skin, or on clothing.

Hazard pictogram(s) and Hazard Symbol

NONE

Training advice:

Additional Information

Disclaimers

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