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

1.1 **Product Identifier**
- **Product Name**: Silstab 3900
- **Product code**: 3314.3
- **Chemical Name**: Mixture
- **CAS No.**: 25265-77-4 / 63148-62-9 / 6846-50-0

1.2 **Recommended use of the chemical and restrictions on use**
- **Identified use(s)**: Surface active agent, Stabiliser, Foam
- **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**
- Reproductive toxicity - Category 2

2.2 **Label elements**
- **Product Name**: Silstab 3900
- **Symbol**: Warning
- **Signal word(s)**: Warning
- **Hazard statement(s)**: H361d: Suspected of damaging the unborn child.
- **Precautionary statement(s)**:
  - P201: Obtain special instructions before use.
  - P202: Do not handle until all safety precautions have been read and understood.
  - P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P308+P313: IF exposed or concerned: Get medical advice/attention.
  - P405: Store locked up.
  - 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

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>Synonym(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Hazard pictogram(s) and Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-isopropyl-2,2-</td>
<td>2,2,4-</td>
<td>&lt;0.75</td>
<td>6846-50-0</td>
<td>229-934-9</td>
<td>GHS08 : H361, H412</td>
</tr>
<tr>
<td>dimethyltrimethylene</td>
<td>trimethylpentane-1,3-diyl bis(2- methylpropanoate)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>disobutylate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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. IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Get medical attention if eye irritation develops or persists.

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
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.

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. See Section: 7 & 8.

6.4 Reference to other sections

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
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

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>None assigned</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.1.2 Biological limit value

Not established

8.1.3 PNECs and DNELs

Not established

8.2 Exposure controls

Provide adequate ventilation to avoid build up of vapours.

8.2.1 Appropriate engineering controls

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 a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

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
- **Odour**: Faint.
- **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)**: 0.93
- **Solubility(ies)**: Not available.
- **Partition coefficient: n-octanol/water**: Not available.
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

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Low toxicity under normal conditions of handling and use.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Low toxicity under normal conditions of handling and use.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>None anticipated</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>None anticipated</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>None anticipated</td>
</tr>
<tr>
<td>Effects and Symptoms</td>
<td></td>
</tr>
<tr>
<td>skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>May damage the unborn child.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
<tr>
<td>Delayed and chronic effects</td>
<td>Not available</td>
</tr>
<tr>
<td>Calculated acute toxicity estimate (ATE)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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.
14.2 Air (ICAO/IATA) Not classified as hazardous for rail transport.
14.3 Sea (IMDG) Not classified as hazardous for air transport.

14.4 Other Not classified as hazardous for marine transport.
15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations
REACH Registration No. Not available / Polymer exempt.
Candidate List of Substances of Very High Concern for Authorisation
Possible trace amounts of: (<0.05%)
Octamethylcyclotetrasiloxane (CAS# 556-67-2)
Decamethylcyclopentasiloxane (CAS# 541-02-6)
Dodecamethylcyclohexasiloxane (CAS# 540-97-6)

15.2 International Inventories

<table>
<thead>
<tr>
<th>Country</th>
<th>Listed</th>
<th>Not listed</th>
<th>Polymer exempt</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States (TSCA)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td></td>
<td>✓</td>
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<td></td>
</tr>
<tr>
<td>European Union (EINECS/ELINCS)</td>
<td></td>
<td></td>
<td>✓</td>
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<tr>
<td>Australia (AICS)</td>
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<td>China (IECSO)</td>
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<td>Japan (ENCS)</td>
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<td>South Korea (KECI)</td>
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<td>Taiwan (TCSI)</td>
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<td>New Zealand (NZIoC)</td>
<td>✓</td>
<td></td>
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<tr>
<td>Philippines (PICCS)</td>
<td>✓</td>
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</tbody>
</table>

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).
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 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 None known.

16. SECTION 16: OTHER INFORMATION

Revision: December 11, 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)
H361d: Suspected of damaging the unborn child.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents/container to: Observe Local Regulations.

Hazard pictogram(s) and Hazard Symbol

Additional Information

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