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

1.1 **Product identifier**
   - **Product Name**: Silmer SH Q20
   - **Product code**: 7051.012
   - **Chemical Name**: Not available
   - **CAS No.**: Not available

1.2 **Recommended use of the chemical and restrictions on use**
   - **Identified use(s)**: intermediate use
   - **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**: Silmer SH Q20
   - **Symbol**: NONE
   - **Signal word(s)**: NONE
   - **Hazard statement(s)**: NONE
   - **Precautionary statement(s)**: P262: Do not get in eyes, on skin, or on clothing.

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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Contains no hazardous ingredients</td>
</tr>
</tbody>
</table>

4. **SECTION 4: FIRST AID MEASURES**

4.1 **Description of first aid measures**
   - **Inhalation**: Remove person to fresh air and keep comfortable for breathing.
   - **Skin Contact**: Rinse skin with water/shower.
   - **Eye Contact**: If substance has got into the eyes, immediately wash out with
Ingestion
If swallowed, 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
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.

7.3 Specific end use(s)
Industrial use

7.4 Storage Temperature
Ambient

7.5 Storage Life
Stable under normal conditions.

7.6 Incompatible materials
Oxidizing agents

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>
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<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

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  Liquid
Odour  Characteristic odour.
Odour Threshold  Not available.
pH  Not available.
Melting Point/Freezing Point  Not available.
Initial boiling point and boiling range  Not available.
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)  Not available.
Solubility(ies)  Not available.
Partition coefficient: n-octanol/water  Not available.
Auto-ignition temperature  Not available.
Decomposition Temperature  Not available.
Viscosity (25°C)  15,000 cps
Explosive properties  Not applicable.
Oxidising properties  Not applicable.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity  Not available.
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  Ingestion may cause irritation of the gastrointestinal tract.
Inhalation  Avoid inhalation of mists.
Skin Contact  May cause irritation
Eye Contact  May cause irritation

Effects and Symptoms
skin corrosion/irritation  Not classified
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 air transport.
14.3 Sea (IMDG) Not classified as hazardous for marine transport.

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations Candidate List of Substances of Very High Concern for Authorisation None known.

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>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada (DSL/NDSL)</td>
<td>X</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>European Union (EINECS/ELINCS)</td>
<td>✓</td>
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<tr>
<td>Australia (AICS)</td>
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<tr>
<td>China (IECSC)</td>
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<td>Japan (ENCS)</td>
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<tr>
<td>Philippines (PICCS)</td>
<td>X</td>
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</tbody>
</table>

15.3 National regulations

United States (TSCA) This product is for R&D purposes only.
HMIS (Hazardous Material Information System) H = 1 / F = 1 / R = 0
NFPA Rating 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

None known.

**16. SECTION 16: OTHER INFORMATION**

**Revision:** February 11, 2020

**LEGEND**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTEL</td>
<td>Long Term Exposure Limit</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
</tr>
<tr>
<td>STOT</td>
<td>Specific Target Organ Toxicity</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

**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**

**Additional Information**

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