SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
- Trade name: Super Lube® Super Kleen

1.2 Relevant identified uses of the substance or mixture and uses advised against
- No further relevant information available.

1.3 Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:
  - Synco Chemical Corporation
  - 24 DaVinci Dr., P.O. Box 405
  - Bohemia, NY 11716
  - Telephone: 631-567-5300
  - Email: info@super-lube.com

1.4 Emergency telephone number:
- CHEMTREC
  - 1-800-424-9300 (US/Canada)
  - +01 703-527-3887 (International)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  - Classifications listed are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).
  - Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
  - The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).
  - The product is classified and labelled according to the CLP regulation.

- Hazard pictograms
  - GHS05

- Signal word Danger
- Hazard-determining components of labelling:
  - Alcohols, C10-C16, ethoxylated
- Hazard statements
  - H318 Causes serious eye damage.
- Precautionary statements
  - P280 Wear eye protection / face protection.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Cont'd. on page 2)
SECTION 3: Composition/information on ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Components:</th>
<th>Alcohol, C10-C16, ethoxylated</th>
<th>&lt;10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 68002-97-1</td>
<td>Eye Dam. 1, H318</td>
<td></td>
</tr>
<tr>
<td>NLP: 500-182-6</td>
<td>Aquatic Acute 1, H400</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute Tox. 4, H302; Skin Irrit. 2, H315</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components:</th>
<th>Sodium carbonate</th>
<th>&lt;10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 497-19-8</td>
<td>Eye Irrit. 2, H319</td>
<td></td>
</tr>
<tr>
<td>EINECS: 207-838-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Index number: 011-005-00-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reg.nr.: 01-2119485498-19-XXXX</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional information:
For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.
For the wording of the listed Hazard Statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:
Unlikely route of exposure.
Take affected persons into fresh air and keep quiet.

After skin contact:
Immediately rinse with water.
If skin irritation continues, consult a doctor.

After eye contact:
Protect unharmed eye.
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Gastric or intestinal disorders.
Slight irritant effect on skin and mucous membranes.
Nausea in case of ingestion.

Hazards: Causes serious eye damage.
4.3 Indication of any immediate medical attention and special treatment needed
Medical supervision for at least 48 hours.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
The product is not flammable.
For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

6.2 Environmental precautions
Do not allow to enter sewers/ surface or ground water.
Prevent from spreading (e.g. by damming-in or oil barriers).
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Use only in well ventilated areas.
Avoid splashes or spray in enclosed areas.
Keep out of reach of children.

Information about fire - and explosion protection: No special measures required.
· 7.2 Conditions for safe storage, including any incompatibilities
  · Storage:
  · Requirements to be met by storerooms and receptacles:
    Avoid storage near extreme heat, ignition sources or open flame.
  · Information about storage in one common storage facility: Store away from foodstuffs.
· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters
  · Ingredients with limit values that require monitoring at the workplace:
    The product does not contain any relevant quantities of materials with critical values that have to be
    monitored at the workplace.
  · DNELs: No further relevant information available.
  · PNECs: No further relevant information available.

· 8.2 Exposure controls
  · Personal protective equipment:
    · General protective and hygienic measures:
      The usual precautionary measures are to be adhered to when handling chemicals.
      Keep away from foodstuffs, beverages and feed.
      Immediately remove all soiled and contaminated clothing.
      Wash hands before breaks and at the end of work.
      Avoid contact with the eyes and skin.
    · Respiratory protection:
      Not required under normal conditions of use.
      Use suitable respiratory protective device when aerosol or mist is formed.
  · Protection of hands:

    Protective gloves

    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

  · Eye protection:

    Safety glasses

  · Body protection:
    Not required under normal conditions of use.
    Protection may be required for spills.
  · Limitation and supervision of exposure into the environment: Avoid release to the environment.
  · Risk management measures: No further relevant information available.
### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

- **Appearance**
  - Form: Liquid
  - Colour: Colourless
  - Odour: Odourless
  - Odour threshold: Not determined.

- **pH-value at 20°C (68 °F):** 9

- **Melting point/freezing point:** Not determined.

- **Initial boiling point and boiling range:** >100°C (>212 °F)

- **Flash point:** Not applicable.

- **Flammability (solid, gas):** Not applicable.

- **Auto/Self-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits**
  - Lower: Not determined.
  - Upper: Not determined.

- **Vapour pressure:** Not determined.

- **Density**
  - Relative density at 20°C (68 °F): 1.04
  - Vapour density: Not determined.
  - Evaporation rate: Not determined.

- **Solubility in / Miscibility with water:** Fully miscible.

- **Partition coefficient: n-octanol/water:** Not determined.

- **Solvent content:**
  - VOC (California) <1%

- **Viscosity**
  - Dynamic: Not determined.
  - Kinematic: Not determined.

**9.2 Other information**

No further relevant information available.

### SECTION 10: Stability and reactivity

**10.1 Reactivity**

No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with acids.
Reacts with oxidising agents.
Toxic fumes may be released if heated above the decomposition point.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials** No further relevant information available.

**10.6 Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Possible in traces:
Nitrogen oxides (NOx)
Ammonia

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

- **Acute toxicity**: Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification**: None.
- **Primary irritant effect**
- **Skin corrosion/irritation**: Slight irritant effect on skin and mucous membranes.
- **Serious eye damage/irritation**: Causes serious eye damage.
- **Respiratory or skin sensitisation**: Based on available data, the classification criteria are not met.
- **Subacute to chronic toxicity**: No further relevant information available.

**Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**: None of the ingredients are listed.
- **NTP (National Toxicology Program)**: None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**: None of the ingredients are listed.

- **Probable routes of exposure**:
  - Eye contact.
  - Skin contact.
  - Ingestion.

- **Acute effects (acute toxicity, irritation and corrosivity)**:
  - Causes serious eye damage.
  - May cause gastro-intestinal irritation if ingested.
- **Germ cell mutagenicity**: Based on available data, the classification criteria are not met.
- **Carcinogenicity**: Based on available data, the classification criteria are not met.
- **Reproductive toxicity**: Based on available data, the classification criteria are not met.
- **STOT-single exposure**: Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**: Based on available data, the classification criteria are not met.
- **Aspiration hazard**: Based on available data, the classification criteria are not met.
SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: The product contains materials that are harmful to the environment.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:
Remark:
Harmful to algae
Toxic for water fleas
Additional ecological information:
General notes:
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Also poisonous for fish and plankton in water bodies.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
DOT, ADR, IMDG, IATA Not Regulated

14.2 UN proper shipping name
DOT, ADR, IMDG, IATA Not Regulated

14.3 Transport hazard class(es)
DOT, ADR, IMDG, IATA
Class Not Regulated
Trade name: Super Lube® Super Kleen

- **14.4 Packing group**
  - DOT, ADR, IMDG, IATA: Not Regulated

- **14.5 Environmental hazards:**
  - Marine pollutant: No

- **14.6 Special precautions for user**
  - Not applicable.

- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
  - Not applicable.

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **United States (USA)**
    - **SARA**
      - **Section 355 (extremely hazardous substances):**
        - None of the ingredients are listed.
      - **Section 313 (Specific toxic chemical listings):**
        - None of the ingredients are listed.
      - **TSCA (Toxic Substances Control Act):**
        - All ingredients are listed.
      - **Proposition 65 (California):**
        - **Chemicals known to cause cancer:**
          - None of the ingredients are listed.
        - **Chemicals known to cause reproductive toxicity for females:**
          - None of the ingredients are listed.
        - **Chemicals known to cause reproductive toxicity for males:**
          - None of the ingredients are listed.
        - **Chemicals known to cause developmental toxicity:**
          - None of the ingredients are listed.
      - **Carcinogenic Categories**
        - **EPA (Environmental Protection Agency)**
          - None of the ingredients are listed.
        - **IARC (International Agency for Research on Cancer)**
          - None of the ingredients are listed.
        - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
          - None of the ingredients are listed.
Trade name: Super Lube® Super Kleen

- **Canadian Domestic Substances List (DSL)**
  All ingredients are listed.

- **Other regulations, limitations and prohibitive regulations**

- **Substances of very high concern (SVHC) according to REACH, Article 57**
  None of the ingredients are listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
  H302 Harmful if swallowed.
  H315 Causes skin irritation.
  H318 Causes serious eye damage.
  H319 Causes serious eye irritation.
  H400 Very toxic to aquatic life.

- **Abbreviations and acronyms:**
  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  WHMIS: Workplace Hazardous Materials Information System (Canada)
  DNEL: Derived No-Effect Level (REACH)
  PNEC: Predicted No-Effect Concentration (REACH)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  Acute Tox. 4: Acute toxicity – Category 4
  Skin Irrit. 2: Skin corrosion/irritation – Category 2
  Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

- **Sources**

(Cont’d. on page 10)