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

1.1 Product identifier

- Trade name: Super Lube® Silicone Aerosol

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

Further information obtainable from: Product Safety Department

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 (EU) No 2015/830

- H222: Extremely flammable aerosol.

- GHS02 flame


- GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.
Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

- GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

(Contd. on page 2)
- **Information concerning particular hazards for human and environment:**
  The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
  Warning! Pressurised container.

- **Classification system:**
  The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
  The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

- **Additional information:** 0 percent of the mixture consists of component(s) of unknown toxicity

### 2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008**
  The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**
  ![Pictograms](image)
  GHS02 GHS07 GHS09

- **Signal word** Danger

- **Hazard-determining components of labelling:**
  heptane
  acetone

- **Hazard statements**
  H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
  H336 May cause drowsiness or dizziness.
  H410 Very toxic to aquatic life with long lasting effects.

- **Precautionary statements**
  P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  P251 Pressurized container: Do not pierce or burn, even after use.
  P261 Avoid breathing mist/vapours/spray.
  P280 Wear protective gloves/protective clothing/eye 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.
  P312 Call a POISON CENTER/doctor if you feel unwell.
SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 142-82-5</td>
<td>heptane</td>
</tr>
<tr>
<td>EINECS: 205-563-8</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td>Index number: 601-008-00-2</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td></td>
<td>Aquatic Acute 1, H400; Aquatic Chronic 1, H410</td>
</tr>
<tr>
<td></td>
<td>Skin Irrit. 2, H315; STOT SE 3, H336</td>
</tr>
<tr>
<td>CAS: 67-64-1</td>
<td>acetone</td>
</tr>
<tr>
<td>EINECS: 200-662-2</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td>Index number: 606-001-00-8</td>
<td>Eye Irrit. 2, H319; STOT SE 3, H336</td>
</tr>
<tr>
<td>CAS: 124-38-9</td>
<td>carbon dioxide</td>
</tr>
<tr>
<td>EINECS: 204-696-9</td>
<td>Press. Gas L, H280</td>
</tr>
</tbody>
</table>

**Additional information:** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

**General information:**
Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.

**After inhalation:**
Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.
40.1.3 · After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
In cases of frostbite, rinse with plenty of water. Do not remove clothing.
· After eye contact:
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· After swallowing:
Unlikely route of exposure.
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
A person vomiting while laying on their back should be turned onto their side.
· 4.2 Most important symptoms and effects, both acute and delayed
Headache
Breathing difficulty
Frostbite
Dizziness
Coughing
Irritant to skin and mucous membranes.
Irritant to eyes.
· Hazards
Vapours have narcotic effect.
Danger of disturbed cardiac rhythm.
Condition may deteriorate with alcohol consumption.
Danger of impaired breathing.
· 4.3 Indication of any immediate medical attention and special treatment needed
Later observation for pneumonia and pulmonary oedema.
Treat frost-bitten areas appropriately.
If swallowed or in case of vomiting, danger of entering the lungs.
Medical supervision for at least 48 hours.
If necessary oxygen respiration treatment.

**SECTION 5: Firefighting measures**

· 5.1 Extinguishing media
· Suitable extinguishing agents:
  Alcohol resistant foam
  Carbon dioxide
  Fire-extinguishing powder
  Gaseous extinguishing agents
· For safety reasons unsuitable extinguishing agents: Water
· 5.2 Special hazards arising from the substance or mixture
  Formation of toxic gases is possible during heating or in case of fire.
  Danger of receptacles bursting because of high vapour pressure when heated.
· 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
Use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation.
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Protect from heat.

6.2 Environmental precautions:
Do not allow to enter sewers/surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:
Allow to evaporate.
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to item 13.
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.
Keep away from heat and direct sunlight.

Information about fire - and explosion protection:
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e.
electric lights. Do not pierce or burn, even after use.
Emergency cooling must be available in case of nearby fire.
Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles:
Store in a cool location.
Provide ventilation for receptacles.
Observe official regulations on storing packagings with pressurised containers.
Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:
40.1.3 Store away from oxidising agents.

**Further information about storage conditions:**
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
Keep container tightly sealed.
Protect from heat and direct sunlight.
Storage Temperatures: <122 °F / <50 °C.

7.3 **Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

#### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>IOELV (EU)</th>
<th>PEL (USA)</th>
<th>REL (USA)</th>
<th>TLV (USA)</th>
<th>MAK (Germany)</th>
</tr>
</thead>
<tbody>
<tr>
<td>142-82-5 heptane</td>
<td></td>
<td>Long-term value: 2085 mg/m³, 500 ppm</td>
<td>Long-term value: 2000 mg/m³, 500 ppm</td>
<td>Long-term value: 350 mg/m³, 85 ppm</td>
<td>Short-term value: 2050 mg/m³, 500 ppm</td>
<td>Long-term value: 2100 mg/m³, 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ceiling limit: 1800* mg/m³, 440* ppm</td>
<td>Long-term value: 1640 mg/m³, 400 ppm</td>
<td>vgl.Abschn.XII</td>
</tr>
<tr>
<td>64742-47-8 Distillates (petroleum), hydrotreated light</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>vgl.Abschn.Xc</td>
</tr>
<tr>
<td>124-38-9 carbon dioxide</td>
<td></td>
<td>Long-term value: 140 mg/m³, 20 ppm</td>
<td></td>
<td></td>
<td></td>
<td>vgl.Abschn.Xc</td>
</tr>
</tbody>
</table>

#### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work. 
Do not inhale gases / fumes / aerosols. 
Avoid contact with the eyes and skin. 

**Respiratory protection:**
Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded. 
Use suitable respiratory protective device in case of insufficient ventilation. 

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. 

**Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. 

**Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. 

**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**
See Section 7 for additional information. 
No further relevant information available. 

**SECTION 9: Physical and chemical properties**

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

**General Information**

**Appearance:**
- Form: Aerosol 
- Colour: Transparent 
- Odour: Solvent-like 
- Odour threshold: Not determined. 
- pH-value: Not determined. 

**Change in condition**
- Melting point/Melting range: Not applicable, as aerosol.
### Boiling point/Boiling range:
- Not applicable, as aerosol.

### Flash point:
- **-4 °C**
  - Extremely flammable aerosol.

### Flammability (solid, gaseous):
- Not applicable.

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

### Decomposition temperature:
- Not determined.

### Self-igniting:
- Product is not self-igniting.

### Danger of explosion:
- In use, may form flammable/explosive vapour-air mixture.

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

### Vapour pressure at 20 °C:
- 80-90 psig

### Density at 20 °C:
- 0.866 g/cm³

### Relative density:
- Not determined.

### Vapour density:
- Not determined.

### Evaporation rate:
- Not applicable.

### Solubility in / Miscibility with water:
- Not miscible or difficult to mix.

### Partition coefficient (n-octanol/water):
- Not determined.

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

### Solvent content:
- **VOC (California)**
  - < 60%
  - Exempt VOCs are excluded from this value

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

#### Chemical stability

- **Thermal decomposition / conditions to be avoided:**
  - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

#### 10.3 Possibility of hazardous reactions

- Extremely flammable aerosol.
- Develops readily flammable gases/fumes.
- Danger of receptacles bursting because of high vapour pressure when heated.
- Reacts with peroxides and other radical forming substances.
- Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.

### 10.4 Conditions to avoid

- Keep ignition sources away - Do not smoke.
- Store away from oxidising agents.
SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

<table>
<thead>
<tr>
<th>LD/LC50 values relevant for classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>142-82-5 heptane</td>
</tr>
<tr>
<td>Oral</td>
</tr>
<tr>
<td>Inhalative</td>
</tr>
</tbody>
</table>

Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- Sensitisation: No sensitising effects known.
- Subacute to chronic toxicity: No further relevant information available.

Additional toxicological information:
- Irritant
- Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
- The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
  - Acute effects (acute toxicity, irritation and corrosivity):
    - Vapours have narcotic effect.
    - Irritating to eyes.
    - Irritating to skin.
  - Repeated dose toxicity: No further relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Toxic for aquatic organisms

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: Does not accumulate in organisms.

12.4 Mobility in soil: No further relevant information available.

Ecotoxicological effects:

Remark: Very toxic for fish

Additional ecological information:

General notes:
- This statement was deduced from the properties of the single components.
- Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
- Do not allow product to reach ground water, water course or sewage system.
- Danger to drinking water if even small quantities leak into the ground.
- Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
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
Contact waste processors for recycling information.
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. Residual materials should be treated as hazardous.

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

SECTION 14: Transport information

14.1 UN-Number
- DOT, ADR, IMDG, IATA

14.2 UN proper shipping name

Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 1 L (0.3
gal).

- DOT, IATA
  Aerosols, flammable

- ADR
  1 9 5 0 A E R O S O L S , E N V I R O N M E N T A L L Y
  HAZARDOUS

- IMDG
  AEROSOLS, MARINE POLLUTANT

14.3 Transport hazard class(es)
- DOT

  Class 2.1
  Label 2.1

- ADR

  Class 2 5F Gases.
Trade name: Super Lube® Silicone Aerosol

-Label 2.1

-IMDG Class 2.1 Label 2.1

-IATA Class 2.1 Label 2.1

14.4 Packing group: Not Regulated

DOT, ADR, IMDG, IATA: Not Regulated

14.5 Environmental hazards: Product contains environmentally hazardous substances: heptane, Distillates (petroleum), hydrotreated light.

Marine pollutant: Yes

Special marking (ADR): Symbol (fish and tree)

Special marking (IMDG): Symbol (fish and tree)

14.6 Special precautions for user: Warning: Gases.

Danger code (Kemler): -

EMS Number: F-D,S-U

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

Transport/Additional information:

ADR Limited quantities (LQ): 1L

Transport category: 2

Tunnel restriction code: D

UN "Model Regulation": UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Carcinogenic Categories

IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

TLV (Threshold Limit Value established by ACGIH)

67-64-1 acetone A4

(Contd. on page 12)
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
  H225 Highly flammable liquid and vapour.
  H280 Contains gas under pressure; may explode if heated.
  H304 May be fatal if swallowed and enters airways.
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
  H336 May cause drowsiness or dizziness.
  H400 Very toxic to aquatic life.
  H410 Very toxic to aquatic life with long lasting effects.

· Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (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
  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)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  Flam. Aerosol 1: Flammable aerosols, Hazard Category 1
  Press. Gas L: Gases under pressure: Liquefied gas
  Flam. Liq. 2: Flammable liquids, Hazard Category 2
  Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
  STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
  Asp. Tox. 1: Aspiration hazard, Hazard Category 1
  Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
  Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

· Sources
  SDS Prepared by:
  ChemTel Inc.
<table>
<thead>
<tr>
<th>Trade name: Super Lube® Silicone Aerosol</th>
</tr>
</thead>
<tbody>
<tr>
<td>1305 North Florida Avenue</td>
</tr>
<tr>
<td>Tampa, Florida USA 33602-2902</td>
</tr>
<tr>
<td>Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573</td>
</tr>
<tr>
<td>Website: <a href="http://www.chemtelinc.com">www.chemtelinc.com</a></td>
</tr>
</tbody>
</table>

(Contd. of page 12)