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

· 1.1 Product identifier
  · Trade name: Syncolynx F
  · Article number: No other identifiers

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

· Application of the substance / the mixture
  · Lubricant

· 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 (EU) No 2015/830
    The product is not classified as hazardous according to OSHA GHS regulations within the United States.
    The product is not classified as hazardous according to the CLP regulation.

  · Additional information:
    There are no other hazards not otherwise classified that have been identified.
    0 % of the mixture consists of component(s) of unknown toxicity.

· 2.2 Label elements
  · Labelling according to Regulation (EC) No 1272/2008
    This product does not have a classification according to the CLP regulation.
    The product is not classified as hazardous according to OSHA GHS regulations within the United States.

  · Hazard pictograms: Not Regulated
  · Signal word: Not Regulated

  · Hazard-determining components of labelling: None.
  · Hazard statements: Not Regulated
  · Precautionary statements: Not Regulated

  · Additional information:
    Safety data sheet available on request.

(Cont'd. on page 2)
Trade name: Syncolynx F

- **NFPA ratings (scale 0 - 4)**
  - Health = 0
  - Fire = 1
  - Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**
  - HEALTH: Health = 0
  - FIRE: Fire = 1
  - REACTIVITY: Reactivity = 0

<table>
<thead>
<tr>
<th>HMIS Long Term Health Hazard Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
</tbody>
</table>

- **2.3 Other hazards**
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 8042-47-5</td>
</tr>
<tr>
<td>EINECS: 232-455-8</td>
</tr>
<tr>
<td>CAS: 68611-44-9</td>
</tr>
<tr>
<td>EINECS: 271-893-4</td>
</tr>
</tbody>
</table>

- **Additional information:**
  - For the listed ingredient(s), the identity and exact percentages are being withheld as a trade secret.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
  - **General information:**
    - Immediately remove any clothing soiled by the product.
    - Take affected persons out into the fresh air.
  - **After inhalation:**
    - Supply fresh air; consult doctor in case of complaints.
    - Provide oxygen treatment if affected person has difficulty breathing.
    - In case of unconsciousness place patient stably in side position for transportation.
  - **After skin contact:**
    - Immediately wash with water and soap and rinse thoroughly.
    - If skin irritation is experienced, consult a doctor.
  - **After eye contact:**
    - Remove contact lenses if worn.

(Cont'd. on page 3)
Trade name: Syncolynx F

(Cont'd. from page 2)

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**
  A person vomiting while laying on their back should be turned onto their side.
  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**
  - Headache
  - Dizziness
  - Breathing difficulty
  - Coughing
  - Slight irritant effect on skin and mucous membranes.
  - Slight irritant effect on eyes.
  - Gastric or intestinal disorders when ingested.
  - Nausea in case of ingestion.

- **Hazards** Danger of impaired breathing.

- **4.3 Indication of any immediate medical attention and special treatment needed**
  - Medical supervision for at least 48 hours.
  - If necessary oxygen respiration treatment.
  - Later observation for pneumonia and pulmonary oedema.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:**
    - Carbon dioxide
    - Fire-extinguishing powder
    - Foam
    - Water haze or fog

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **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.

- **Additional information**
  Cool endangered receptacles with water fog or haze.

### 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.
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation
  - Remove ignition sources.
  - Particular danger of slipping on leaked/spilled product.

- **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. Prevent from spreading (e.g. by damming-in or oil barriers).

6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Remove from the water surface (e.g. skim or suck off).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
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
Prevent formation of aerosols.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.

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:
Provide ventilation for receptacles.
Avoid storage near extreme heat, ignition sources or open flame.

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

Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

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 section 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>PEL (USA)</th>
<th>TLV (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>68611-44-9 silica dimethyl silylate</td>
<td>Short-term value: 10 mg/m³</td>
<td>Short-term value: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 6 mg/m³</td>
<td>Long-term value: 6 mg/m³</td>
</tr>
</tbody>
</table>

DNELs No further relevant information available.
Safety Data Sheet
according to (EU) 2015 / 830 and OSHA GHS

Trade name: Syncolynx F

· PNECs No further relevant information available.
· Additional information: 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.
  Do not inhale gases / fumes / aerosols.
  Avoid contact with the eyes.
  Avoid close or long term contact with the skin.
  · Respiratory protection:
    Not required under normal conditions of use.
    Use suitable respiratory protective device in case of insufficient ventilation.
    Use suitable respiratory protective device when aerosol or mist is formed.
    For spills, respiratory protection may be advisable.
  · 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: Oil resistant protective clothing
  · Limitation and supervision of exposure into the environment
    No further relevant information available.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
  · Appearance:
    Form: Gel
    Colour: Translucent
    Odour: Odourless
    Odour threshold: Not determined.
    pH-value: Not determined.
  · Change in condition
    Melting point/Melting range: Not Determined.
    Boiling point/Boiling range: Undetermined.

(Cont'd. on page 6)
Trade name: Syncolynx F

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>525 °C (977 °F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>525 °C (977 °F)</td>
</tr>
<tr>
<td>Flammability (solid, gaseous)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto/Self-ignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Self-igniting</td>
<td>Product is not self-igniting.</td>
</tr>
<tr>
<td>Danger of explosion</td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Explosion limits</td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Non-oxidising</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td></td>
</tr>
<tr>
<td>Density at 20 °C (68 °F)</td>
<td>0.89 g/cm³ (7.427 lbs/gal)</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in / Miscibility with water</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solvent content</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined</td>
</tr>
<tr>
<td>9.2 Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

- **10.1 Reactivity**: No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided**: Keep away from heat and direct sunlight.
- **10.3 Possibility of hazardous reactions**
  Toxic fumes may be released if heated above the decomposition point.
  Reacts with strong acids and oxidising agents.
- **10.4 Conditions to avoid**
  Store away from oxidising agents.
  Keep away from heat and direct sunlight.
- **10.5 Incompatible materials**: No further relevant information available.
- **10.6 Hazardous decomposition products**:
  Carbon monoxide and carbon dioxide
  Hydrocarbons

(Cont'd. on page 7)
SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
  - Acute toxicity
  - 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 Slight irritant effect on eyes.
    - Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
    - Repeated dose toxicity: Possible risk of irreversible effects.
  - CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
    - 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 material is harmful to the environment.
- 12.2 Persistence and degradability The product is biodegradable.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Ecotoxicological effects:
  - Remark: Due to mechanical actions of the product (e.g. agglomerations) damages may occur.
- Additional ecological information:
  - General notes:
    Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 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:
    Must not be disposed together with household garbage. Do not allow product to reach sewage system.
    Contact waste processors for recycling information.
SECTION 14: Transport information

- 14.1 UN-Number
- DOT, ADR, ADN, IMDG, IATA: Not Regulated
- 14.2 UN proper shipping name
- DOT, ADR, ADN, IMDG, IATA: Not Regulated
- 14.3 Transport hazard class(es)
- DOT, ADR, ADN, IMDG, IATA: Not Regulated
- Class
- DOT, ADR, IMDG, IATA: Not Regulated
- 14.4 Packing group
- DOT, ADR, IMDG, IATA: Not Regulated
- 14.5 Environmental hazards:
  - Not applicable.
- 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.
- UN "Model Regulation":
  - Not Regulated

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 is listed.
    - Chemicals known to cause reproductive toxicity for females:
      - None of the ingredients are listed.
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
  H304 May be fatal if swallowed and enters airways.

- 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  
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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

**Sources**
- Website, Chemical Abstracts Registry, Ammericon Chemical Society (https://www.cas.org)  

Safety Data Sheets, Individual Manufacturers  
SDS Prepared by:  
ChemTel Inc.  
1305 North Florida Avenue  
Tampa, Florida USA 33602-2902  
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573  
Website: www.chemtelinc.com