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

1.1 Product identifier
- Trade name: Syncolube F/FS
- Article number: No other identifiers

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 (EU) No 2015/830
Classifications listed are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).

- ! corrosion
  Eye Dam. 1 H318 Causes serious eye damage.

- ! Skin Irrit. 2 H315 Causes skin irritation.
  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
  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.

(Cont'd. on page 2)
Trade name: Syncolube F/FS

- Hazard pictograms

  GHS05

- Signal word Danger

- Hazard-determining components of labelling:
  1-(2-Hydroxyethyl)-2-heptadecenyl-2-imidazoline

- Hazard statements
  H315 Causes skin irritation.
  H318 Causes serious eye damage.

- Precautionary statements
  P264 Wash thoroughly after handling.
  P280 Wear protective gloves / 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.
  P310 Immediately call a POISON CENTER/doctor.
  P332+P313 If skin irritation occurs: Get medical advice/attention.
  P302+P352 IF ON SKIN: Wash with plenty of water.
  P362+P364 Take off contaminated clothing and wash it before reuse.

- NFPA ratings (scale 0 - 4)

  Health = 2
  Fire = 1
  Reactivity = 0

- HMIS-ratings (scale 0 - 4)

  HEALTH 2
  Fire = *2
  Reactivity = 0

  FIRE 1
  Reactivity = 0

- 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.

  Dangerous components:

<table>
<thead>
<tr>
<th>CAS</th>
<th>8042-47-5</th>
<th>White Mineral Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS</td>
<td>232-455-8</td>
<td>Åsp. Tox. ‘1’, H304</td>
</tr>
</tbody>
</table>
Trade name: Syncolube F/FS

<table>
<thead>
<tr>
<th>CAS: 27136-73-8</th>
<th>1-(2-Hydroxyethyl)-2-heptadecenyl-2-imidazoline</th>
<th>&lt; 5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corr. 1C, H314</td>
<td>Aquatic Acute 1, H400</td>
<td></td>
</tr>
</tbody>
</table>

| CAS: 597-82-0 | phosphorothioic acid, O,O,O-triphenyl ester | < 2,5% |
| EINECS: 209-909-9 | Aquatic Chronic 4, H413 |

| CAS: 80939-62-4 | Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates | < 2,5% |
| EINECS: 279-632-6 | Aquatic Chronic 2, H411 | | Skin Irrit. 2, H315; Eye Irrit. 2, H319 |

| CAS: 68411-46-1 | Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | < 2,5% |
| EINECS: 270-128-1 | Aquatic Chronic 3, H412 |

<table>
<thead>
<tr>
<th>CAS: 20018-09-1</th>
<th>diiodomethyl-p-tolysulfone</th>
<th>&lt; 1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3, H331</td>
<td>Eye Dam. 1, H318</td>
<td></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 remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly.
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. 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
Breathing difficulty
Coughing
Dizziness
Irritant to skin and mucous membranes.
Strong irritant with the danger of severe eye injury.
SECTION 5: Firefighting measures

- 5.1 Extinguishing media
  - Suitable extinguishing agents:
    Foam
    Carbon dioxide
    Fire-extinguishing powder
    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
  Keep away from 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.
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.
    - Keep container tightly sealed.

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:**
  - 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.
  - **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 and skin.
  - **Respiratory protection:**
    - 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: Semi-solid
    - Colour: Green
  - Odour: Slight
  - Odour threshold: Not determined.
  - pH-value: Not determined.
  - Change in condition
    - Melting point/Melting range: Not Determined.
    - Boiling point/Boiling range: Undetermined.
  - Flash point: Not applicable.
  - 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: Product does not present an explosion hazard.
  - Explosion limits:
    - Lower: Not determined.
    - Upper: Not determined.
  - Oxidising properties: Non-oxidising.
  - Vapour pressure: Not determined.
  - Density at 20 °C (68 °F): 0.89 g/cm³ (7.427 lbs/gal)
  - Relative density: Not determined.
  - Vapour density: Not determined.
Evaporation rate: Not determined.
Solubility in / Miscibility with water: Not miscible or difficult to mix.
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: 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:
  Keep away from heat and direct sunlight.
  Store away from oxidising agents.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products:
  Carbon monoxide and carbon dioxide
  Hydrocarbons
  Nitrogen oxides (NOx)
  Phosphorus oxides (e.g. P2O5)

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
    Causes skin irritation.
  Serious eye damage/irritation
    Causes serious eye damage.
  Respiratory or skin sensitisation
    Based on available data, the classification criteria are not met.
  Acute effects (acute toxicity, irritation and corrosivity):
    Causes serious eye damage.
    Irritating to skin.
  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.
41.1.0

- **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**
  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: Due to mechanical actions of the product (e.g. agglutinations) 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.
  Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
  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 local 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
### Trade name: Syncolube F/FS

<table>
<thead>
<tr>
<th>14.3 Transport hazard class(es)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT, ADR, ADN, IMDG, IATA</td>
</tr>
<tr>
<td>Class</td>
</tr>
<tr>
<td>Not Regulated</td>
</tr>
<tr>
<td>14.4 Packing group</td>
</tr>
<tr>
<td>DOT, ADR, IMDG, IATA</td>
</tr>
<tr>
<td>Not Regulated</td>
</tr>
<tr>
<td>14.5 Environmental hazards:</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</td>
</tr>
<tr>
<td>Not applicable.</td>
</tr>
<tr>
<td>UN &quot;Model Regulation&quot;:</td>
</tr>
<tr>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

### SECTION 15: Regulatory information

<table>
<thead>
<tr>
<th>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States (USA)</td>
</tr>
<tr>
<td>SARA</td>
</tr>
<tr>
<td>355 (extremely hazardous substances):</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>313 (Specific toxic chemical listings):</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>TSCA (Toxic Substances Control Act):</td>
</tr>
<tr>
<td>All ingredients are listed.</td>
</tr>
<tr>
<td>Proposition 65 (California):</td>
</tr>
<tr>
<td>Chemicals known to cause cancer:</td>
</tr>
<tr>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>Chemicals known to cause reproductive toxicity for females:</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>Chemicals known to cause reproductive toxicity for males:</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>Chemicals known to cause developmental toxicity:</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>Carcinogenic Categories</td>
</tr>
<tr>
<td>EPA (Environmental Protection Agency)</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>IARC (International Agency for Research on Cancer)</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>TLV (Threshold Limit Value established by ACGIH)</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
<tr>
<td>NIOSH-Ca (National Institute for Occupational Safety and Health)</td>
</tr>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
</tbody>
</table>
Trade name: Syncolube F/FS

· Canada
  · Canadian Domestic Substances List (DSL)
    All ingredients are listed.
  · Canadian Ingredient Disclosure list (limit 0.1%)
    None of the ingredients are listed.
  · Canadian Ingredient Disclosure list (limit 1%)
    None of the ingredients are listed.

· Directive 2012/18/EU
  · Named dangerous substances - ANNEX I
    None of the ingredients are listed.

· Other regulations, limitations and prohibitive regulations
  This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products 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.
  H304 May be fatal if swallowed and enters airways.
  H314 Causes severe skin burns and eye damage.
  H315 Causes skin irritation.
  H318 Causes serious eye damage.
  H319 Causes serious eye irritation.
  H331 Toxic if inhaled.
  H400 Very toxic to aquatic life.
  H411 Toxic to aquatic life with long lasting effects.
  H412 Harmful to aquatic life with long lasting effects.
  H413 May cause long lasting harmful effects to aquatic life.

· 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
Acute Tox. 4: Acute toxicity, Hazard Category 4
Acute Tox. 3: Acute toxicity, Hazard Category 3
Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Asp. Tox. 1: Aspiration hazard, Hazard Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3
Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4

Sources
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Website: www.chemtelinc.com