

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** ZLUBE INTL
Product Name: C305INTL, C306INTL, C307INTL Z-Lube International
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | | |
|--------------------------|---|----------------------|---------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 | Phone Number: | (800)843-7813 |
| Web site address: | www.cyclo.com | | |
| Information: | First Aid Emergency (Outside U.S.) | | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|-------------------------|---------------|
| Emergency Contact: | First Aid Emergency | (800)752-7869 |
| | CHEMTREC (703) 527-3887 | (800)424-9300 |

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2A
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Target Organ Systemic Toxicity (single exposure), Category 3
Aspiration Toxicity, Category 1
Flammable Liquids, Category 3
- 2.1.2 Classification according to Directive 1999/45/EC:**
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**

**GHS Signal Word:** Danger**GHS Hazard Phrases:**

H226: Flammable liquid and vapor.
H316: Causes mild skin irritation.
H319: Causes serious eye irritation.
H340: May cause genetic defects.
H350: May cause cancer.
H335: May cause respiratory irritation.
H304: May be fatal if swallowed and enters airways.
H280: Contents under pressure. May explode if heated.

GHS Precaution Phrases:

P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P281: Use personal protective equipment as required.
P271: Use only outdoors or in a well-ventilated area.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

- P233: Keep container tightly closed.
- P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P240: Ground/bond container and receiving equipment.
- P241: Use explosion-proof electrical/ventilating/lighting equipment.
- P243: Take precautionary measures against static discharge.
- P242: Use only non-sparking tools.

GHS Response Phrases:

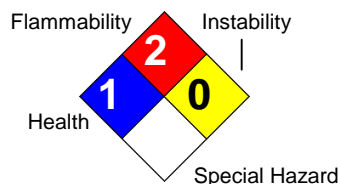
- P370+378: In case of fire, use foam, CO₂, dry chemical or water fog to extinguish.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P363: Wash contaminated clothing before reuse.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases:

- P501: Dispose of contents/container in accordance with local/regional/national/international regulation.
- P403+233: Store container tightly closed in well-ventilated place.

2.2.2 Labeling according to Directive 1999/45/EC:

Hazard Rating System:



2.3 Adverse Human Health Effects and Symptoms:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
8052-41-3	Stoddard solvent	50.0 -60.0 %	232-489-3 649-345-00-4	T; R45-65 Asp. Toxic. 1: H304 Mutagen 1B: H340 Carcinogen 1B: H350
64742-65-0	Mineral oil	30.0 -40.0 %	265-169-7 649-474-00-6	T; R45 Carcinogen 1B: H350
124-38-9	Carbon dioxide	1.0 -5.0 %	204-696-9 NA	No phrases apply. No data available.
112-80-1	Oleic acid	1.0 -5.0 %	204-007-1 NA	Xi; R36/37/38 Skin Corr. 2: H315 Eye Damage 2A: H319 TOST (SE) 3: H335 H336

**Section 4. First Aid Measures**

- 4.1 Description of First Aid Measures:** If swallowed, do not induce vomiting. If inhaled, remove victim to fresh air. Apply artificial respiration if needed. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, remove contaminated clothing and wash skin with soap and water. Call physician immediately if adverse reaction occurs.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Foam, CO₂, dry chemical, water fog.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** 105.00 F (40.6 C) Method Used: TAG Closed Cup
- Explosive Limits:** LEL: .7 UEL: 10
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** Use NIOSH self-contained breathing apparatus in confined areas. Addition of water fog will aid in reducing burning. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

- 6.3 Methods and Material For Containment and Cleaning Up:** Avoid breathing vapors. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. VAPORS MAY CAUSE FLASH FIRE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. DO NOT STICK PIN, NAIL OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. KEEP OUT OF THE REACH OF CHILDREN.
- 7.2 Precautions To Be Taken in Storing:** DO NOT STORE ABOVE 120 DEG F.

Section 8. Exposure Controls/Personal Protection**8.1 Exposure Parameters:**

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
8052-41-3	Stoddard solvent	No data.	No data.	No data.
64742-65-0	Mineral oil	No data.	No data.	No data.
124-38-9	Carbon dioxide	TWA: 9150 mg/m ³ (5000 ppm) STEL: 27400 mg/m ³ (15000 ppm)	TWA: 9000 mg/m ³ (5000 ppm)	TWA: 9000 mg/m ³
112-80-1	Oleic acid	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
8052-41-3	Stoddard solvent	PEL: 500 ppm	TLV: 100 ppm	No data.
64742-65-0	Mineral oil	No data.	No data.	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.
112-80-1	Oleic acid	No data.	No data.	No data.

**8.2 Exposure Controls:**

8.2.1 Engineering Controls (Ventilation etc.): SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

8.2.2 Personal protection equipment:

Eye Protection: USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

Protective Gloves: SOLVENT RESISTANT GLOVES REQUIRED FOR PROLONGED OR REPEATED CONTACT.

Other Protective Clothing: No data available.

Respiratory Equipment (Specify Type): AVOID BREATHING VAPORS. USE WITH ADEQUATE VENTILATION EQUAL TO OUT OF DOORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/ MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

Work/Hygienic/Maintenance Practices: USE WITH ADEQUATE VENTILATION. TO PREVENT VAPOR BUILD-UP, OPEN DOORS AND WINDOWS OR USE AN EXPLOSION-PROOF EXHAUST FAN TO ENSURE FRESH AIR EXCHANGE DURING AND AFTER USE. DO NOT BREATHE VAPOR, GAS OR SPRAY MIST. WHEN USING, DO NOT EAT, DRINK OR SMOKE. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WEAR PROTECTIVE EQUIPMENT. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES; FOLLOW LABEL WARNINGS EVEN AFTER CAN IS EMPTIED. DO NOT STORE IN BASEMENTS.

Section 9. Physical and Chemical Properties**9.1 Information on Basic Physical and Chemical Properties**

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Aerosol product.

Melting Point: No data.

Boiling Point: 310.00 F (154.4 C) - 500.00 F (260.0 C)

Flash Pt: 105.00 F (40.6 C) Method Used: TAG Closed Cup

Evaporation Rate: No data.

Explosive Limits: LEL: .7 UEL: 10

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): .80

Solubility in Water: NIL

Autoignition Pt: No data.



SAFETY DATA SHEET
C305INTL, C306INTL, C307INTL Z-Lube
International

9.2 Other Information

Percent Volatile: No data.

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [] Stable [X]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 10.4 Conditions To Avoid - Instability:** Application to hot surfaces. Storage above 120F. Exposure to open flame.
- 10.5 Incompatibility - Materials To Avoid:** Strong oxidizing agents.
- 10.6 Hazardous Decomposition Or Byproducts:** May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
8052-41-3	Stoddard solvent	n.a.	n.a.	n.a.	n.a.
64742-65-0	Mineral oil	n.a.	n.a.	n.a.	n.a.
124-38-9	Carbon dioxide	n.a.	n.a.	n.a.	n.a.
112-80-1	Oleic acid	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols, Ltd. Qty.
UN Number:
Hazard Class: N.A. **ADR Classification:** 2.1

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd. Qty.
UN Number: 1950 **Packing Group:**
Hazard Class: N.A. **IMDG Classification:** 2.1

**14.3 AIR TRANSPORT (ICAO/IATA):**

ICAO/IATA Shipping Name: Aerosols, flammable, Ltd. Qty., 2.1

Section 15. Regulatory Information**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
8052-41-3	Stoddard solvent	No	No	No
64742-65-0	Mineral oil	No	No	No
124-38-9	Carbon dioxide	No	No	No
112-80-1	Oleic acid	No	No	No

CAS # Hazardous Components (Chemical Name)**Other US EPA or State Lists**

8052-41-3	Stoddard solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1736; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
64742-65-0	Mineral oil	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
124-38-9	Carbon dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0343; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
112-80-1	Oleic acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

CAS # Hazardous Components (Chemical Name)**International Regulatory Lists**

8052-41-3	Stoddard solvent	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
64742-65-0	Mineral oil	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
124-38-9	Carbon dioxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
112-80-1	Oleic acid	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

European Community Hazard Symbol codes:**European Community Risk and Safety Phrases:**

No data available.

Section 16. Other Information

Revision Date: 05/21/2014

Additional Information About No data available.

This Product: