

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

### SECTION 1. IDENTIFICATION

Product Identifier: LD-150  
Product Use: Liquid Degreaser  
Manufactured by: Kor-Chem, Inc.  
5800 Bucknell Drive  
Atlanta, GA 30336

Product Identification # (PIF): 01478  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Date Prepare: September 26, 2013  
Date revised: November 13, 2020 rev.#3

### SECTION 2. HAZARD(S) IDENTIFICATION



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Eye Irritation	2A	H319	Causes serious eye irritation
Skin Irritation	2	H315	Causes skin irritation

Precautionary	Code	Statement
Prevention	P264 P280	Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	P305+P351+P338  P337+P313 P302+P352 P321 P332+P313 P362 P301 + P312	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with soap and water. Specific treatments: See Section 4 First Aid Measures. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Storage	None	None
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Max. %
Nonylphenol, ethoxylate	Nonylphenol, ethoxylate	9016-45-9	30

### SECTION 4. FIRST AID MEASURES

**Eyes:** Flush well with water for at least 15 minutes. Remove any contact lenses.

**Skin:** Safe to use as a hand soap.

**Inhalation:** If symptoms develop, move victim to fresh air. Move to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.

**Ingestion:** Drink 8 oz. of water to dilute. DO NOT INDUCE VOMITING. Get medical help.

### SECTION 5. FIRE-FIGHTING MEASURES

**Flammability:** Not flammable

**Flash Point:** 460°F (238°C)

**Extinguishing Media:** Use media appropriate for surrounding fire.

**Specific hazards arising from chemical:** None known.

**Hazardous combustion products:** Oxides of carbon.

**Firefighting protective equipment:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**Sensitivity to static discharge:** This product is not sensitive to static discharge.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protective equipment (Section 8). Spills may present a slip hazard. Ventilate area. Wash thoroughly after handling.

**For Small Spills:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

**For Large Spills:** Large spills cannot occur due to packaging.

**SECTION 7. HANDLING AND STORAGE**

**Handling:** Do not premix with other chemicals. Exercise reasonable care and precaution. Do not eat, drink or smoke in work areas.

**Wash hands after handling to prevent drying of skin.**

**Storage:** Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Protect from physical damage.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ingredient	CAS #	OSHA/PEL	TLV	STEL
Nonylphenol, ethoxylate	9016-45-9	Not applicable	Not applicable	Not applicable

**Engineering Controls:** Provide adequate ventilation.

**Personal protective equipment:**

Eyes: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant gloves.

Respirator: Use NIOSH approved protection if vapors are causing irritation.

Clothing: Normal materials handling clothing.

Other: Wash hands after handling to prevent drying of skin. Use only in ventilated area.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Colorless, clear liquid	Upper/Lower flammability limits	Not available
Odor	Slight	Vapor pressure	Not available
Odor threshold	Not determined	Vapor density (Air = 1)	<1
pH	7.0 – 8.0	Specific gravity (water = 1.0)	1.015 g/ml
Melting point	Not available	Solubility	Complete in water
Freezing point	Not available	Partition coefficient (n-octanol/water)	Not available
Boiling point	Not available	Auto-ignition temperature	Not available
Flash point	460°F (238°C)	Decomposition temperature	Not available
Evaporation rate (n-butyl acetate=1)	Not available	Viscosity	Thin
Flammability	Not flammable	%Volatile/Volume	74%

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable under normal, ambient temperature and conditions.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

**Incompatibility with other substances:** Avoid oxidizing materials, reducing materials, metals and isocyanate.

**Hazardous combustion products:** Carbon monoxide and carbon dioxide.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Toxicity:**

Slightly irritating to eyes and skin

Oral (LD50 Rat): >3000 mg/kg

Dermal (LD50 Rabbit): >2000 mg/kg

Inhalation (LC50 Rat): Not established

**Skin corrosion/irritation:** Prolonged contact maybe irritating to skin.

**Serious eye damage/irritation:** May cause slight eye irritation. Symptoms may include a burning sensation, tearing, swelling and redness.

**Respiratory or skin sensitization:** None expected.

**Germ cell mutagenicity:** No data available

**Carcinogenicity:** NTP/IARC/OSHA Carcinogen: No

**Reproductive toxicity:** Not available

**STOT-single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** Not classified

**Ingestion:** May cause irritation to the mouth, throat and gastrointestinal tract.

**Likely routes of exposure:** Eyes, skin

**Interactive effects:** Not available

**SECTION 12. ECOLOGICAL INFORMATION**

**Toxicity:**

96h LC-50 (fish): 1 – 10 mg/L

96h EC-50 (invertebrates): Not established

48h LC-50 (algae): Not established

**Persistence and degradability:** 60% - inherent – 28 days

**Environmental effects:** Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Bioaccumulative potential:** Not determined.

**Mobility in soil:** Soil mobility not determined. This product is soluble in water and may spread in water systems.

**Other adverse effects:** None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal of Wastes:** Do not dump into sewers, on the ground or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.  
**Contaminated Packaging:** Since emptied containers retain product residue, follow label warnings even after container is emptied.  
**RCRA:** Not applicable.

#### SECTION 14. TRANSPORT INFORMATION

This product is regulated as a hazardous material according to the Department of Transportation only in bulk quantities greater than 119 gallons per package.

**United States DOT:**  
Not regulated

**IATA and IMDG:**  
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Nonylphenol, ethoxylate)  
UN Number: 3082  
Hazard Class: 9  
Packaging Group: 3  
Marine Pollutant (IMDG Code): Yes.  
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

#### SECTION 15. REGULATORY INFORMATION

**TSCA:** All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

**SARA Section 302:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302. The reporting quantity (RQ) for this product has not been established.

**SARA TITLE III Section 311/312:**

Immediate (Acute) Health	No	Fire Hazard	No
Delayed (Chronic) Health	No	Reactive Hazard	No

**SARA Section 313:** This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

**CERCLA:** This product does not have a reportable quantity.

**United States Right-To-Know:** None known.

**Proposition 65:** This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**RCRA:** Not applicable.

#### SECTION 16. OTHER INFORMATION

Date revised: November 13, 2020 – Revised to meet GHS standard

Hazard Ratings (HMIS): Health 1, Flammability 1, Reactivity 1. Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

Abbreviation	Full Name/Explanation
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CNS	Central Nervous System
CFR	Code of Federal Regulations
DOT	Department of Transportation
EC	Effective Concentration
HMIS	Hazardous Material Information System
LC	Lethal Concentration
LD	Lethal Dose
NA	Not Applicable
ND	Not Determined
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
VOC	Volatile Organic Compounds

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.