

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: Deep Wash	Product Identification # (PIF): 01670
Product Use: Enzymatic Floor Cleaner	Emergency Telephone #: 1-800-255-3924
Manufactured by: Kor-Chem Inc.	General Information #: 404-344-9580
5800 Bucknell Drive	Date Prepared: April 27, 2015
Atlanta, GA 30336	Date Revised: January 14, 2016

### SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Skin Irritation	2	H315	Causes skin irritation
Eye Irritation	2B	H320	Causes eye irritation
STOT, SE; Narcotic Effects	3	H336	May cause drowsiness or dizziness.

Precautionary Measures:

Category	Code	Statement
Prevention	P261 P264 P271 P280	Avoid breathing fumes/mists/ vapors/sprays. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response	P302+P352 P321 P332+P313 P362 P304+P340 P312 P305+P351+P338  P337+P313	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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. 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.
Storage	P403+P233 P405	Store in a well ventilated place. Keep container tightly closed. Store locked up.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

Description of hazards not otherwise classified: Prolonged/repeated skin contact may cause skin defatting (dermatitis). Mists/sprays of material may cause irritation to respiratory tract. Ingestion may cause gastrointestinal tract irritation.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Concentration Range%
Lauryl dimethylamine oxide	None known	1643-20-5	3 – 7
(2-(2-methoxy methyl ethoxy) methylethoxy) Propanol	Tripropylene glycol methyl ether	25498-49-1	1 – 5
Live Bacterial Cultures – Non- hazardous	Not applicable	Not applicable	0 – 4

### SECTION 4. FIRST AID MEASURES

**Eyes:** Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation persists.

**Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

**Ingestion:** DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

### SECTION 5. FIRE-FIGHTING MEASURES

**Flammability:** Class IIIB Combustible Liquid

**Flash Point:** Above 200°F (93°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source. Readily ignited by static discharge.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

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 a class IIIB combustible.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Avoid breathing fumes/mists/vapors/sprays. Wash thoroughly after handling.

For Small Spills: Spilled material is slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. 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: Use personal protective equipment (Section 8). Use only outdoors or in a well-ventilated area. Do not handle around sources of ignition. Do not premix with other chemicals. Avoid breathing fumes/mists/vapors/sprays. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from strong oxidizing agents.

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

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
Lauryl dimethylamine oxide	1643-20-5	Not established	Not established	Not established
(2-(2-methoxy methyl ethoxy) methylethoxy) Propanol	25498-49-1	Not established	Not established	Not established
Live Bacterial Cultures – Non-hazardous	Not applicable	Not applicable	Not applicable	Not applicable

Engineering Controls: Provide adequate ventilation. Keep the risk of exposure to a minimum.

Personal protective equipment:

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

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing.

Respirator: Use NIOSH approved protection if mists/spays are generated.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow, opaque liquid	Upper/Lower flammability limits	Not determined
Odor	Lemon	Vapor pressure	<0.1mmHg @ 20°C
Odor threshold	Not determined	Vapor density (Air = 1)	Not determined
pH	7 – 8	Relative Density (water = 1.0)	1.010 g/ml
Melting point	Not determined	Solubility	Complete in water
Freezing point	Not determined	Partition coefficient (n-octanol/water)	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined
Flash point	Above 200°F (93°C)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity	Not determined
Flammability	Combustible Class IIIB	%Volatile/Volume	79

#### 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

Incompatible materials: Avoid strong oxidizing agents, acids and halogenated compounds.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

#### SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): >5000mg/kg and Chronic

Dermal (LD50 Rabbit): Not determined

Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Skin irritant. Symptoms may include skin reddening, swelling and itching. Prolonged contact may cause skin drying (dermatitis).

Serious eye damage/irritation: Eye irritant. Symptoms may include a burning sensation, tearing, swelling and redness.

Respiratory or skin sensitization: Inhalation of mists/sprays may cause irritation of respiratory tract. Symptoms may include coughing and difficulty breathing.

Germ cell mutagenicity: No data available

Carcinogenicity: NTP/IARC/OSHA Carcinogen: No

Reproductive toxicity: Not available

STOT-single exposure: May cause dizziness or drowsiness.

STOT-repeated exposure: Not classified  
Aspiration hazard: Not classified  
Ingestion: May irritate 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): >100ppm  
 96h EC-50 (invertebrates): >100ppm  
 48h LC-50 (algae): Not determined  
Persistence and degradability: No data available.  
Bioaccumulative potential: No data available.  
Mobility in soil: Soil mobility not determined. This product is soluble in water and may spread in water systems. This product is partially volatile and may spread in the atmosphere.  
Other adverse effects: None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. 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. Do not cut, drill, grind or weld on or near the container.  
RCRA: Not applicable.

**SECTION 14. TRANSPORT INFORMATION**

United States DOT:  
 Not regulated  
IATA and IMDG:  
 Not regulated  
 Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).  
 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: The components of this product are either not regulated or regulated, but present in negligible concentrations.  
SARA TITLE III Section 311/312:

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

SARA Title 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 Prepared: January 14, 2016 – SDS updated to meet GHS revisions.  
 Hazard Ratings (HMIS): Health 1, Flammability 1, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.  
 Product VOC: 3%  
 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
GHS	Globally Harmonized System
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.