

# MATERIAL SAFETY DATA SHEET

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EFFECTIVE DATE: 04/14/06

SUPERCEDES: 6/17/04

**MANUFACTURED FOR:** KLINE'S AUTOMOTIVE  
630 N. 13<sup>th</sup> Street  
Allentown, PA. 18102  
610-433-3203

**CHEMTREC:** 1-800-424-9300

## SECTION 1: GENERAL INFORMATION

**PRODUCT NAME: SUPER DEGREASER**

**PRODUCT ID: KCPDSD**

NFPA 704

HAZARD RATING

4=Severe H=2

3=Serious F=0

2=Moderate R=0

1=Slight

0=Minimal

## SECTION 1A: D.O.T. SHIPPING INFORMATION

Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

Hazard Class: 8

UN/NA: UN1760

Packaging Group: II

NOTE: N/A = NOT APPLICABLE

## EMERGENCY OVERVIEW

WARNING. Causes eye irritation. May cause skin irritation with prolonged contact. Mist may cause irritation of the respiratory tract. Ingestion may cause irritation of the digestive tract. Avoid eye and skin contact. Avoid breathing mist. Use adequate ventilation. Wash after handling. Do not ingest.

## SECTION 2: HAZARDOUS INGREDIENTS

#	INGREDIENT	CAS #	OSHA PEL (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling	ACGIH TLV (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling	WEIGHT %
1	Potassium Hydroxide	1310-58-3	2*c	2*c	1-10
2	Proprietary surfactant blend	NA	N/A	N/A	1-10
3	Propylene Glycol t-Butyl Ether	57018-52-7	N/A	N/A	1-10
4	Tetrasodium EDTA salt	64-02-8	N/A	N/A	0-1

**SECTION 3A: SARA TITLE III INFORMATION**

#	EHS RQ (LBS) 1*	EHS TPQ (LBS) 2*	SEC 313 3*	313 CATEGORY 4*	311/312 CATERGORIES 5*
1	N/A	N/A	N/A	N/A	H-1
2	N/A	N/A	N/A	N/A	H-1
3	N/A	N/A	N/A	N/A	H-1, P-3
4	N/A	N/A	N/A	N/A	H-1, H-2

\*1= Reportable Quantity of Extremely Hazardous Substance. Sec 302.

\*2= Threshold Planning Quantity, Extremely Hazardous Substance. Sec 302.

\*3= Toxic Chemical. Sec 313.

\*4= Required by Sec. 313 (40 CFR 372.42) used on Toxic Release Inventory Form.

\*5= Hazard Category for SARA Sec. 311/312 Reporting.

HEALTH HAZARD: H-1 = Immediate (acute)

H-2 = Delayed (chronic)

PHYSICAL HAZARD: P-3 = Fire

P-4 = Sudden Release of Pressure

P-5 = Reactive

**SECTION 3B: CERCLA INFORMATION**

EPA - Comprehensive Environmental Response, Compensation and Liability Act. Under EPA - CERCLA (Superfund) releases to air, land or water which exceed the reportable quantity must be reported to the National Response Center, 1-800-424-8802

REPORTABLE QUANTITY FOR RELEASE (RQ) = No.

**SECTION 3C: RCRA INFORMATION**

EPA - RCRA Hazardous waste as specified in 40 CFR 261? Yes; D002; Characteristic: Corrosive.

**SECTION 4: PHYSICAL/CHEMICAL DATA**

BOILING POINT : >212 F @ 1 ATM

VAPOR DENSITY : Approximately that of water.

WT/GALLON : 8.55 lbs

SPECIFIC GRAVITY: 1.026

SOLUBILITY : Complete

EVAPORATION RATE : Approximately that of water

pH : 13.6

APPEARANCE & ODOR: Transparent, yellow, thin foamy liquid with mild odor.

## **SECTION 5: FIRE AND EXPLOSION DATA**

FLASH POINT: >200F                      TEST: PMCC (D93)  
EXPLOSIVE LIMITS: LEL: N/A            UEL: N/A

EXTINGUISHING MEDIA: Use water spray, dry chemical, CO2 or "alcohol" foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear as a general precaution.

## **SECTION 6: REACTIVITY DATA**

STABILITY: Stable                      HAZARDOUS POLYMERIZATION: Does not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, oxidizing agents and excessive heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide and other toxic gases.

## **SECTION 7: HEALTH HAZARD (ACUTE/CHRONIC)**

CARCINOGENICITY: NTP: N IARC: N OSHA: N

EFFECTS OF OVEREXPOSURE:

EYES: Causes severe eye irritation. May cause burns.

SKIN: May cause skin irritation. Prolonged contact may cause burns.

INHALATION: Mist may cause irritation or damage to mucous membranes and respiratory tract.

INGESTION: Harmful if swallowed. May cause severe irritation or burn of mouth, throat and digestive tract.

CHRONIC EFFECTS AND MEDICAL CONDITIONS: May aggravate pre-existing skin, CNS or respiratory diseases.

## **SECTION 8: EMERGENCY AND FIRST AID**

EYES: Flush with water for 15 minutes. If irritation develops or persists, consult physician.

SKIN: Thoroughly wash with water. Remove contaminated clothing and wash before reuse. If irritation develops, consult physician.

INHALATION: Remove to fresh air. If breathing is difficult, consult physician.

INGESTION: Do not induce vomiting, unless directed by physician. Call physician immediately.

## **SECTION 9: PERSONAL PROTECTIVE MEASURES**

EYES: If eye contact is possible, wear eye protection. Contact lenses should not be worn.

SKIN: When repeated or prolonged exposure is possible, chemical resistant clothing (i.e. gloves) is recommended.

RESPIRATORY PROTECTION: Not expected to be needed. Where over-exposure through inhalation may occur from use, NIOSH/ MSHA approved respiratory protection equipment is recommended.

VENTILATION: Either local exhaust or general room ventilation is generally adequate.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash fountain and drench is recommended.

## **SECTION 10: SPECIAL PRECAUTIONS**

HANDLING AND STORAGE: Handle according to good manufacturing and warehousing practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove contaminated clothing and wash before reuse. Store in original containers away from heat, sparks, open flames, strong acids or strong oxidizers.

SPILLS AND LEAKS: CAUTION: Floor may become slippery. Sweep/soak up small spills using inert material. For large spills, limit access to area. Dike and contain spill with inert material, if necessary, and transfer the material to containers suitable for recovery/disposal. Keep large spills out of sewers and open bodies of water.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local Environmental Laws in effect at the time.

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