



# MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING AND DISPOSAL INFORMATION

05/12/94

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ZEP MANUFACTURING COMPANY  
FIRST IN MAINTENANCE PRODUCTS

ISSUE DATE: 10/22/93  
SUPERSEDES:

OMALLEYS OIL SOAP  
PRODUCT NUMBER: 0850

OIL SOAP

## SECTION I - EMERGENCY CONTACTS

ZEP MANUFACTURING COMPANY TELEPHONE: (404)352-1680 BETWEEN 8:00 AM-5:00 PM (EST)  
P.O. BOX 2015 NON-OFFICE HOURS, WEEKENDS, AND HOLIDAYS: AREA CODE 404  
ATLANTA, GEORGIA 30301 435-2973, 351-2952, 432-2873  
LOCAL POISON CONTROL CENTER .....  
TRANSPORTATION EMERGENCY: CHEMTREC: TOLL FREE 1-800-424-9300 ALL CALLS RECORDED  
(404)922-0923 or DISTRICT OF COLUMBIA (202)483-7616 ALL CALLS RECORDED

## SECTION II - HAZARDOUS INGREDIENTS

### DESIGNATIONS

TLV (PPM)	EFFECTS (SEE REVERSE)	% IN PROD.
N/D	TOX COR	< 5

\*\* POTASSIUM HYDROXIDE \*\* caustic potash; lye; CAS#  
1310-58-3; RTECS# TT2102000; OSHA/ACGIH CEILING  
LIMIT-2MG/M3

## SECTION III - HEALTH HAZARD DATA

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container.  
Adverse health effects would not be expected under recommended conditions  
of use (diluted) so long as prescribed safety precautions are practiced.

### ACUTE EFFECTS OF OVEREXPOSURE:

THIS PRODUCT IN CONCENTRATED FORM MAY BE AN EYE IRRITANT. INFLAMMATION OF  
EYE TISSUE IS CHARACTERIZED BY REDNESS, WATERING, AND/OR ITCHING.



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## SECTION III - HEALTH HAZARD DATA (CONTINUED)

### CHRONIC EFFECTS OF OVEREXPOSURE:

REPEATED OR PROLONGED SKIN CONTACT MAY PRODUCE CHRONIC INFLAMMATION OR DERMATITIS, CHARACTERIZED BY REDNESS, SCALING OR ITCHING.

EST'D PEL/TLV: N/D

PRIMARY ROUTES OF ENTRY: SKIN, ING.

HMS CODES: HEALTH 1; FLAM. 0; REACT. 0; PERS. PROTECT. A ; CHRONIC HAZ. NO

### FIRST AID PROCEDURES:

SKIN : IMMEDIATELY FLUSH CONTAMINATED SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.  
EYES : IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION AT ONCE.  
INHALE: MOVE EXPOSED PERSON TO FRESH AIR. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION PROMPTLY.  
INGEST: IF THIS PRODUCT IS SWALLOWED, DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION AT ONCE.

## SECTION IV - SPECIAL PROTECTION INFORMATION

PROTECTIVE CLOTHING : THE USE OF NEOPRENE, NITRILE OR NATURAL RUBBER GLOVES IS STRONGLY RECOMMENDED, ESPECIALLY FOR PROLONGED CONTACT.  
EYE PROTECTION : WEAR TIGHT-FITTING SAFETY GLASSES ESPECIALLY IF CONTACT LENSES ARE WORN.  
RESPIRATORY PROTECTION: RESPIRATORY PROTECTION MAY BE UNNECESSARY SINCE PRODUCT DOES NOT GIVE OFF SIGNIFICANT QUANTITIES OF VAPOR.  
VENTILATION : No extra measures are needed if ventilation is adequate.

## SECTION V - PHYSICAL DATA

BOILING POINT (F) : 212 F	SPECIFIC GRAVITY : 0.99
VAPOR PRESSURE(MMHG): N/D	PERCENT VOLATILE BY VOLUME (%) : 80
VAPOR DENSITY(AIR=1): N/D	EVAPORATION RATE(WATER =1): 1.0
SOLUBILITY IN WATER : COMPLETE	PH(CONCENTRATE) : 10.0-11.0
	PH(USE DILUTION OF 1 % ) : 9.5-10.5

APPEARANCE AND ODOR : A SLIGHTLY VISCOUS, AMBER SOAP WITH A CITRONELLA FRAGRANCE

## SECTION VI - FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): NONE (TCC )  
FLAMMABLE LIMITS LEL N/D UEL N/D  
EXTINGUISHING MEDIA : NON-COMBUSTIBLE.  
SPECIAL FIRE FIGHTING: NONE  
UNUSUAL FIRE HAZARDS : NONE





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## SECTION VII - REACTIVITY DATA

STABILITY : STABLE  
INCOMPATIBILITY(AVOID) : NONE  
POLYMERIZATION : WILL NOT OCCUR.  
HAZARDOUS DECOMPOSITION: CARBON DIOXIDE AND CARBON MONOXIDE

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## SECTION VIII - SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
OBSERVE SAFETY PROCEDURES IN SECTION 4 & 9 DURING CLEAN-UP. ABSORB SPILL ON  
INERT ABSORBENT MATERIAL (eg ZEP-O-ZORB). PICK UP AND PLACE RESIDUE IN A  
SUITABLE WASTE CONTAINER OR, IF PERMITTED, FLUSH TO SEWER. THOROUGHLY RINSE  
SPILL AREA WITH WATER.

WASTE DISPOSAL METHOD:  
LIQUID WASTES ARE NOT PERMITTED IN LANDFILLS. THIS PRODUCT IS NOT CONSIDERED A  
HAZARDOUS WASTE UNDER RCRA. UNUSABLE LIQUID MAY BE ABSORBED ON AN INERT ABSORB-  
ENT MATERIAL (eg ZEP-O-ZORB), DRUMMED, AND TAKEN TO A CHEMICAL OR INDUSTRIAL  
LANDFILL. IN SOME AREAS DISPOSAL BY FLUSHING INTO A SANITARY SEWER WITH PLENTY  
OF WATER MAY BE PERMISSIBLE. CONSULT LOCAL, STATE, AND FEDERAL AGENCIES FOR  
PROPER DISPOSAL METHOD IN YOUR AREA.

RCRA HAZ. WASTE NOS.: N/A

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## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:  
KEEP PRODUCT OUT OF EYES.  
AVOID PROLONGED CONTACT WITH SKIN.  
Clothing or shoes which become contaminated with substance should be removed  
promptly and not reworn until thoroughly cleaned.  
KEEP AWAY FROM FOOD AND FOOD PRODUCTS.  
KEEP OUT OF THE REACH OF CHILDREN.

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## SECTION X - TRANSPORTATION DATA

DOT PROPER SHIPPING NAME  
NONE  
DOT HAZARD CLASS: N/A  
DOT I. D. NUMBER : N/A DOT LABEL/PLACARD: NONE  
EPA TSCA CHEMICAL INVENTORY - ALL INGREDIENTS ARE LISTED  
EPA CWA 40CFR PART 117 SUBSTANCE(RQ IN A SINGLE CONTAINER):