

SECTION I - IDENTITY

#1015 Easy Mix Heavy Duty Degreaser  
Hazardous - YES

PERMA Incorporated  
605 Springs Road  
Bedford, MA. 01730

|                     |   |
|---------------------|---|
| Health              | 2 |
| Flammability        | 0 |
| Reactivity          | 0 |
| Personal Protection | D |

Telephone Number for Information  
(978) 667-5161

Date Prepared  
03/10/06

Prepared By D. Sadlo

4 = Most Hazardous  
Emergency Phone Number  
1-800-255-3924 or Poison Center

SECTION II - HAZARDOUS INGREDIENTS

| Hazardous Components<br>CAS Reg# | PEL<br>mg/m3 | TWA<br>mg/m3 | STEL<br>mg/m3 | Other Limits<br>mg/m3 | %<br>(opt) |
|----------------------------------|--------------|--------------|---------------|-----------------------|------------|
| SODIUM HYDROXYDE #1310-73-2      | 2            | N.A.         | N.A.          | CEILING: 2            | < 20       |

\*LISTED CHEMICAL SUBJECT TO REPORTING REQUIREMENT OF SCT.313 OF TITLE III.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                        |  |                                   |           |
|------------------------|--|-----------------------------------|-----------|
| Boiling point          | - 212F                                     | Specific Gravity(Water=1)         | - 1.2     |
| Vapor Pressure (mm Hg) | - 14                                       | Melting Point                     | - N.A.    |
| Vapor Density (air=1)  | - 1.26                                     | Evaporation Rate(Butyl Acetate=1) | -0.25     |
| Viscosity (CPS)        | - NA                                       | Decomposition Temperature         | -NA.      |
| Auto Ignition Temp.    | - NA                                       | Solubility in Water               | -COMPLETE |
| pH - 14                | +/- .5                                     |                                   |           |
| Appearance and Odor    | - YELLOWISH/ORANGE LIQUID, PEPPERMINT ODOR |                                   |           |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - N.A. Flammable Limits  
LEL - N.A. UEL - N.A.

Extinguishing media - WATER

Fire Fighting Procedure - COOL CONTAINERS WITH WATER

Fire and Explosion Hazards - NONE

SECTION V - REACTIVITY DATA

Stability - STABLE  
Conditions to Avoid - N.A.

Incompatibility - ACIDS, STRONG OXIDIZERS  
Hazardous Decomposition or Byproduct - N.A.

Hazardous Polymerization - WILL NOT OCCUR  
Conditions to Avoid - N.A.

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results to be obtained from use thereof.  
Essentially similar to OSHA form # 174

SECTION VI - HEALTH HAZARD DATA

Routes of entry:  
Inhalation - YES Skin - YES Ingestion - YES  
Health Hazards-Acute: CAUSES CHEMICAL BURNS TO EYES, SKIN AND MUCOUS MEMBR.  
CHRONIC: CHEMICAL BURNS AND/OR ULCERATION OF SKIN AND MUCOUS MEMBRANES,  
EYES. TARGET ORGANS: EYES, RESP. SYS., UPPER G.I. TRACT, SKIN  
Carcinogenicity: NO  
NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO  
Signs and Symptoms of Exposure - ITCHING, BURNING SENSATION, REDNESS  
SOAPY FEEL ON SKIN

Medical Conditions Aggravated - SENSITIZED SKIN

Emergency and First Aid Procedures - IMMEDIATELY WASH CONTACT AREAS (EYES)  
WITH LARGE QUANTITIES OF WATER. NEUTRALIZE WITH DILUTE VINEGAR/CITRUS SOL.  
INGESTION: GIVE CITRUS JUICE, DO NOT INDUCE VOMITING. CALL PHYSICIAN.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - DIKE AND  
COLLECT MATERIAL INTO PLASTIC CONTAINER. WATER RINSE AND DRAIN, FLUSH  
SMALL AMOUNTS. (BIODEGRADABLE)

Waste Disposal Method - DISPOSE OF ACCORDING TO LOCAL, STATE AND FEDERAL  
HAZARDOUS WASTE REGULATIONS.  
EPA WASTE NO. D002

Precautions to be Taken in Handling and Storage -  
DO NOT MIX WITH OTHER CHEMICALS.  
AVOID PROLONGED CONTACT. KEEP FROM FREEZING AND EXCESSIVE HEAT

Other Precautions - STORE IN SECURE AREA. AVOID FOOD OR FEED CONTAMINATION.  
KEEP OUT OF REACH OF CHILDREN !

SECTION VIII - CONTROL MEASURES

Respiratory Protection - USE IN WELL VENTILATED AREA, FOLLOW DIRECTIONS,  
AVOID INHALING MIST

Ventilation Local Exhaust - RECOMMENDED  
Mechanical - REQUIRED: EXCHANGE EVERY 10 -15 MINUTES  
Special - N.A.  
Other - ASSURE FRESH AIR CIRCULATION.

Protective Gloves - REQUIRED: RUBBER, PLASTIC  
Eye Protection - REQUIRED: SAFETY GLASSES, GOGGLES  
Other Protection - RECOMMENDED: RUBBER OR PLASTIC APRON, EYE WASH, SHOWER,  
FACE SHIELD

Work/Hygienic Practices - DO NOT EAT, DRINK OR SMOKE NEXT TO MATERIAL.  
WASH HANDS/FACE AFTER WORK.

SECTION IX - TRANSPORTATION

49 CFR

Unit Cont. - 55,30,5,1 GAL., 1 QT PLASTIC Report Qty. (Lbs) - 10500  
OSHA - IRRITANT Labels - CORROSIVE  
DOT/UN - HAZARDOUS /X/ CORROSIVE LIQUID, PACKAGING GROUP II  
DOT/UN:Corrosive liquid, basic, organic, solution, n.o.s.  
(Contains Sodium Hydroxide) 8, UN3267, PGII  
Quart containers=limited quantity 49 CFR 173.154

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Further more, vendee assumes the risk in use of the material.