

MATERIAL SAFETY DATA SHEET
ESSENTIALLY SIMILAR TO OSHA FORM 174

HEALTH HAZARD INDEX --- PERSONAL PROTECTION ---
 SEVERE HAZARD 4 A GLASSES
 SERIOUS HAZARD 3 B GLASSES & GLOVES
 MODERATE HAZARD 2 C GLASSES, GLOVES & APRON
 SLIGHT HAZARD 1 D FACE SHIELD, GLOVES & APRON
 MINIMAL HAZARD 0 E GLASSES, GLOVES & RESP.

MANUFACTURED FOR:
Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, Illinois 60018
 EMERGENCY TELEPHONE NUMBER:
Rocky Mountain Poison and Drug Center
(303) 623-5716
 REVISION DATE: 02/24/98 INFORMATION TELEPHONE NUMBER:
 (847) 827-9666

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER 89153 PRODUCT CLASS Aerosols-Cleaners
 PRODUCT NAME Battery Cleaner & Acid Leak Detector

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT | CAS NUMBER | % | AGGIH | | OSHA | | OSHA | |
|----------------------|------------|-----|-------|------|------|-----|------|------|
| | | | TLV | PPM | PEL | PEL | TLV | STEL |
| Propanolant: Propane | 74-98-6 | 3.0 | 1000 | 1800 | 0 | N/A | N/A | |
| Butane | 106-97-8 | 7.0 | 800 | 800 | N/A | N/A | N/A | |
| 2-Propanol | 67-63-0 | 6.0 | 400 | 400 | N/A | N/A | N/A | |

Pressurized Container 45-60 PSI

SECTION III - PHYSICAL DATA

BOILING POINT (degrees F): 0.0
 VAPOR DENSITY: Heavier than air. EVAPORATION RATE: Faster than ether.
 PERCENT VOLATILE (By Volume): 98.0 WEIGHT PER GALLON (LBS): 7.69
 ODOR AND APPEARANCE: Solvent odor, yellow color.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:
 U.N. CLASSIFICATION:
 PER DOT ORM-D
 PER IMCO N/A
 DOT CLASS: N/A
 I.M.C.O. CLASSIFICATION NUMBER:
 IATA CLASSIFICATION:
 N/A
 FLASH POINT (Degrees F): 0 METHOD: Tag Closed Cup
 (Lowest flash point of any ingredient, not of product as whole)
 UEL: 1.9% UEL: 12.7%
 NFPA FIRE PROTECTION LEVEL: N/A VOLATILE ORGANIC COMPOUNDS: N/A
 AEROSOL PRODUCT: Treat as cylinder of compressed gas.
 EXTINGUISHING MEDIA:
 CO2 ALCOHOL FOAM DRY CHEMICAL
 UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Do not spray near open flame. Keep at room temperature as exposure to direct sunlight or other heat may cause bursting.
 SPECIAL FIREFIGHTING PROCEDURES:
 Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
 Irritates eyes. Prolonged or repeated contact may irritate skin.
 Nose and throat irritant.
 PRIMARY ROUTE(S) OF ENTRY:
 SKIN CONTACT EYE CONTACT INHALATION
 MEDICAL CONDITIONS PRONE TO OVEREXPOSURE:
 Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
 TARGET ORGANS AFFECTED:
 Lungs, CNS, eyes, gastrointestinal tract.
 CARCINOGENICITY:
 None of the components in this chemical are listed by IARC, NTP or OSHA as a carcinogen.
 EMERGENCY AND FIRST AID PROCEDURES:
 Remove to fresh air, irrigate eyes, contact physician if necessary.