

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION OF PRODUCT

TRADE NAME : COIL-O-A
CHEMICAL FAMILY: ALKALI CLEANER
DATE PREPARED : 4-12-00

REVISED 06/02/04

SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS COMPONENTS | OSHA PEL | ACGIH TLV | OTHER LIMITS % |
|--------------------------------|------------|-----------|----------------|
| PROPELLANT (PROPANE/ISOBUTANE) | 1000 PPM | 800 PPM | |
| | (106-97-8) | (74-98-6) | |
| DIETHYLENE GLYCOL ETHYL ETHER | | | 111-90-0 |
| SODIUM METASILICATE | | | 6834-92-0 |

SECTION 313 - SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW ACT OF 1986 & OF 40 CFR 372:

| **CAS #** | CHEMICAL NAME | % BY WGT |
|-----------|-----------------|----------|
| 111-76-2 | 2-BUTOXYETHANOL | < 3 |

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 200 F
SPECIFIC GRAVITY (H₂O=1) : 1.04
SOLUBILITY IN WATER : COMPLETE
APPEARANCE : CLEAR LIQUID
ODOR : CHARACTERISTIC
VAPOR PRESSURE (mmHg) : N.E.
VAPOR DENSITY (Air=1) : N.E.
EVAPORATION RTE (Butyl Act=1): N.E.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NONE
EXTINGUISHING MEDIA : AS REQUIRED BY SURROUNDING FIRE
SPECIAL FIRE FIGHTING PROCEDURES:
WEAR SELF-CONTAINED BREATHING APPARATUS

UNUSUAL HAZARDS :
CONTENTS UNDER PRESSURE! EXPOSURE TO TEMPERATURES ABOVE 120F MAY CAUSE BURSTING.

SECTION V - REACTIVITY DATA

STABILITY : STABLE
CONDITIONS TO AVOID : EXTREME TEMPERATURES
POLYMERIZATION : WILL NOT OCCUR
CONDITIONS TO AVOID : NONE
INCOMPATIBLE MATERIALS : STRONG ACIDS AND OXIDIZERS

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS
CO, CO₂

SECTION VI - HEALTH HAZARDS DATA

THRESHOLD LIMIT VALUE : NOT ESTABLISHED
CARCINOGENICITY :
NTP/IHRC/OSHA : NO /NO /NO
HEALTH HAZARDS ACUTE/CHRONIC :
MODERATE TO SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE TO EYES DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.
EMERGENCY FIRST AID PROCEDURES:
INHALATION:
MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.

INGESTION :

GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT:

FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES LIFTING THE EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING AND WASH WITH PLENTY OF SOAP AND WATER.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

MOP OR WIPE UP WITH WATER.

WASTE DISPOSAL METHOD :

CONTACT LOCAL, STATE AND FEDERAL DISPOSAL AUTHORITIES FOR PROPER DISPOSAL METHODS.

PRECAUTIONS TO TAKE IN HANDLING & STORAGE:

DO NOT STORE NEAR HEAT OR OPEN FLAME. DO NOT THROW INTO FIRE OR INCINERATOR.

OTHER PRECAUTIONS:

CONTENTS UNDER PRESSURE! DO NOT PUNCTURE OR INCINERATE CONTAINER.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION : ONLY W/O ADEQUATE VENTILATION

VENTILATION : GENERAL EXHAUST

PROTECTIVE GLOVES : RECOMMENDED

EYE PROTECTION : RECOMMENDED

OTHER PROTECTIVE MEASURES :

WASH HANDS BEFORE EATING OR SMOKING. KEEP OUT OF REACH OF CHILDREN.

EMERGENCY PHONE#: 0 - -

DISCLAIMER: THE MANUFACTURER BELIEVES THAT THE INFORMATION CONTAINED ON THIS MATERIAL SAFETY DATA SHEET IS ACCURATE. THE SUGGESTED PROCEDURES ARE BASED ON EXPERIENCE AS OF DATE OF PUBLICATION. THEY ARE NOT NECESSARILY ALL INCLUSIVE NOR FULLY ADEQUATE IN EVERY CIRCUMSTANCE. ALSO, THE SUGGESTIONS SHOULD NOT BE CONFUSED WITH, NOR FOLLOWED IN VIOLATION OF APPLICABLE LAWS, REGULATIONS RULES OR INSURANCE REQUIREMENTS.