

MSDS

MATERIAL SAFETY DATA SHEET

C & W PRESSROOM
180 E. UNION AVE.
E.RUTHERFORD, NJ 07073

EMERGENCY TELEPHONE NUMBER
201-933-4343

HAZARD RATING
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

HMIS RATING
HEALTH 1
FLAMMABILITY 2
REACTIVITY 0
PERSONAL PROTECTION X

DATE ISSUED: MARCH 20, 2000
REVISION DATE: APRIL 25, 2003

SECTION I PRODUCT INFORMATION

PRODUCT NAME : ALCOHOL SUBSTITUTE
CHEMICAL NAME : Mixture of organic compounds
MOLECULAR FORMULA : Mixture
SYNONYMS :
CHEMICAL FAMILY : Mixture of Glycols and Glycol Ether

SECTION II COMPONENT INFORMATION

COMPONENTS : Glycol Ether : < 75%; TLV 50 PPM CAS# 111-76-2
: Ethylene Glycol : < 25%; TLV 100 PPM CAS# 107-21-1

SECTION III PHYSICAL PROPERTIES

BOILING POINT : 174°C MELTING POINT : N/A
SPECIFIC GRAVITY (H₂O = 1) : 0.9879/25°C VAPOR PRESSURE : 1.0 mm Hg / 25°C
SOLUBILITY IN WATER : Miscible VAPOR DENSITY (AIR = 1) :
PERCENT VOLATILE : 100% pH (as is) : 7.10
VOC's : 8.2# per gallon Method 24 EVAPORATION RATE
APPEARANCE AND ODOR : Colorless liquid with mild odor (n-BuOAc = 1.0) : 0.1

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT : 140°F Pinsky Martens
FLAMMABLE LIMITS : Lower -1, Upper -11
EXTINGUISHING MEDIA : Carbon Dioxide, Dry Chemical Powder and Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Combustible. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS :

Emits toxic fumes under fire conditions.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :
EFFECT OF OVEREXPOSURE :
EYES : Causes eye irritation.
SKIN : Causes skin irritation.
VAPORS / MIST: Irritating to the eyes, mucous membranes and upper respiratory tract.
INGESTION : Confirmed cases of harmful effects. Causes inebriation rapidly passing into coma and associated with serious kidney injury.
INHALATION :

EMERGENCY AND FIRST AID TREATMENT:

EYES : Immediately flush eyes with copious amounts of water for at least 15 minutes.
SKIN : Immediately flush skin with copious amounts of water. Remove contaminated clothing and shoes.
INGESTION : Do not induce vomiting, keep person warm, quiet and get medical attention.
INHALATION : Move individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration, keep person warm, quiet and get medical attention.

CHRONIC EFFECT(S) OF OVEREXPOSURE:

None currently known.

SECTION VI REACTIVITY DATA

STABILITY : Stable at ordinary conditions.
INCOMPATIBILITY / AVOID CONTACT WITH : Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCT : Carbon Monoxide/Dioxide
HAZARDOUS POLYMERIZATION : Will not occur
CONDITION TO AVOID : None

SECTION VII SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate area. Shut off all sources of ignition. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in container.

WASTE DISPOSAL METHOD:

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) :

Wear appropriate NIOSH/MSHA approved respirator when vapor concentration exceeds TLV limit.

VENTILATION :

LOCAL EXHAUST : Recommended
MECHANICAL (GENERAL) : Explosion proof ventilation equipment
SPECIAL : Use only in a chemical fume hood
OTHER :
PROTECTIVE GLOVES : Chemical resistant gloves
EYE PROTECTION : Safety goggles
OTHER PROTECTIVE EQUIPMENT : Protective clothing

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE :

Toxic and irritant. Keep tightly closed. Keep away from heat and open flame. Store in cool, dry place.

OTHER PRECAUTIONS : Avoid contamination of food.

SECTION X REQUIREMENTS FOR TRANSPORTATION

PROPER SHIPPING NAME : Alcohol Substitute
HAZARDOUS CLASSIFICATION : Combustible Liquid
IDENTIFICATION NUMBER : N/A
REPORTABLE QUANTITY : None
IMCO CLASS (International Travel) : N/A
ADDITIONAL LABELING : None

SECTION XI REGULATORY INFORMATION

Status on Substance List FEDERAL EPA

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are:

Glycol Ether : < 75%, ACGIH TLV/TWA 50 PPM CAS# 111-76-2
Ethylene Glycol : < 25%, ACGIH TLV/TWA 100 PPM CAS# 107-21-1

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 used for SARA 302, 304, 311 and 312.

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Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.

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