

MSDS

MATERIAL SAFETY DATA SHEET

C & W UNLIMITED
217-A WASHINGTON AVE.
CARLSTADT, NJ 07072

EMERGENCY TELEPHONE NUMBER
201-933-4343

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

HMIS RATING
HEALTH 1
FLAMMABILITY 0
REACTIVITY 0
PERSONAL PROTECTION X

DATE ISSUED: July 24, 2002

SECTION I PRODUCT INFORMATION

PRODUCT NAME : PLATE CLEANER
CHEMICAL NAME : Complex Mixture
MOLECULAR FORMULA : Mixture

SECTION II HAZARDOUS COMPONENT INFORMATION

| | | <u>CONTENT %</u> | <u>TLV</u> | <u>CAS#</u> |
|-------------|------------------|------------------|---------------------|-------------|
| COMPONENTS: | Glycol Ether | < 10% | 25 ppm (skin) ACGIH | 111-76-2 |
| | Sodium Hydroxide | < 3 | | 1310-73-2 |

SECTION III PHYSICAL PROPERTIES

| | | | |
|-----------------------------------------|-------------------------------------|-------------------------|-------------|
| BOILING POINT | : | MELTING POINT | : |
| SPECIFIC GRAVITY (H ₂ O = 1) | : 1.01 | VAPOR PRESSURE | : |
| SOLUBILITY IN WATER | : Complete | VAPOR DENSITY (AIR = 1) | : |
| PERCENT VOLATILE | : 8% by weight | pH (as is) | : 12.5-12.8 |
| VOC's (lbs. per gallon) | : .67 | EVAPORATION RATE | : |
| APPEARANCE & ODOR | : Blue Liquid Mild Etherial Odor | (n-BuOAc = 1.0) | : |

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT : Higher than 220°F
FLAMMABLE LIMITS :
EXTINGUISHING MEDIA : Water spray, foam, dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES:

Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self contained breathing apparatus. Wear full protective equipment.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS :

Toxic fumes may be evolved in a fire.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : Ethylene glycol mono butyl ether
TLV(ACGIH) : 25 ppm , 121 mg/m³- 8 hr TWA skin
PEL (OSHA) : 25 ppm, 120 mg/m³-8 hr TWA skin.
Sodium Hydroxide
TLV (ACGIH) : 2 mg/m³ – (Ceiling)
PEL (OSHA) : 2 mg/m³(Ceiling)

EMERGENCY AND FIRST AID TREATMENT:

EYES : In case of contact , immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
SKIN : Flush skin with water after contact.
INHALATION : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen . Call a physician.
INGESTION : Consult a physician.

EFFECT(S) OF OVEREXPOSURE: Skin irritation with discomfort or rash. Eye irritation with discomfort, tearing, or blurring of vision.

REPORTABLE LEVELS OF CARCINOGENS LISTED BY ARC, NTP OR OSHA ARE: None

SECTION VI REACTIVITY DATA

STABILITY : Stable at normal temperatures and storage conditions.
INCOMPATIBILITY / AVOID CONTACT WITH : Strong acids.
HAZARDOUS DECOMPOSITION PRODUCT : Thermal decomposition may produce carbon oxides
HAZARDOUS POLYMERIZATION : Will not occur
CONDITION TO AVOID :

SECTION VII SPILL OR LEAK PROCEDURE

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

Review fire and explosion data and special precautions before proceeding with clean up.
Use appropriate personal protective equipment during clean up
Remove source of heat, sparks, flame, impact, friction or electricity.
Dike spill, soak up with inert absorbent.

WASTE DISPOSAL METHOD:

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local regulations
This product is classified as a RCRA hazardous waste due to corrosivity (pH higher 12.5)

SECTION VIII SPECIAL PROTECTION INFORMATION

Generally Applicable Control Measures and Procedures. Use only with adequate ventilation. Keep away from heat, sparks and flames.
Close container after each use.

Personal Protective Equipment

Follow site specific work site practice instructions for protective equipment.

Eye/Face Protection.

Wear safety glasses. Wear coverall chemical splash goggles and face shield when the possibility exists for eye and face contact due to splashing or spraying of the material.

Respirators.

Where air born concentrations are expected to exceed exposure limits, a NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release , exposure levels are not known, or any other circumstances exists where air purifying respirators may not provide adequate protection.

Protective clothing.

If there is potential for significant dermal contact wear appropriate impervious clothing such as gloves, apron, boots, or a whole body suit.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container tightly closed.

OTHER PRECAUTIONS : Store in original container only.

SECTION X REQUIREMENTS FOR TRANSPORTATION

PROPER SHIPPING NAME : Plate Cleaner
HAZARDOUS CLASSIFICATION : NA

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 | CAS# 111-76-2 | Content <15% | 25 PPM (skin) ACGIH |
|--------------|---------------|--------------|---------------------|

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.

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

| | | | |
|--------------|---------------|--------------|---------------------|
| Glycol Ether | CAS# 111-76-2 | Content <15% | 25 PPM (skin) ACGIH |
|--------------|---------------|--------------|---------------------|

Toxic Substances Control Act (TSCA) status: Listed on the TSCA inventory

The information in this document is believed to be correct as of the date issued, however, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

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