

M A T E R I A L S A F E T Y D A T A S H E E T

24-hour Emergency Phone: (800)255-3924

PRODUCT CODE: 2425

PRODUCT NAME: CC-84 II
 PRODUCT CODE: 2425

HMIS CODES: H C F R P
 3 1 2 D

WHMIS CLASS: D,2,B & E

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: ATCO International
 ADDRESS : 2136 Kingston Court
 Marietta, GA 30067-8902
 INFORMATION PHONE : (770)424-7550

DATE PRINTED: 2/13/2007

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 REVISION DATE: 02/13/2007

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
Phosphoric Acid - 75%	7664-38-2	3mg/m3	3mg/m3	1-10%
AMMONIUM HYDROGEN FLUORIDE	1341-49-7	2.5mg/m3	2.5mg/m3	1-10%
*2-BUTOXYETHANOL	111-76-2	50ppm	20ppm	1-5%
DISODIUM COCOAMPHODIPROPIONATE IMIDAZOLINUM COMPOUND	68604-71-7	ND	ND	1-5%

* Indicates toxic chemical subject to the reporting requirements of SARA Title III, Sec. 313

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: >212 F SPECIFIC GRAVITY (H2O=1): 1.05
 VAPOR DENSITY: ND EVAPORATION RATE: ND
 DENSITY: 8.77 lb/gl MATERIAL V.O.C.: ND
 SOLUBILITY IN WATER: COMPLETELY SOLUBLE. pH (Concentrate): < 1
 APPEARANCE: CLEAR PURPLE LIQUID. pH (Diluted): (1:10) 1.3
 ODOR: PUNGENT.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

OSHA FLAMMABILITY CLASSIFICATION: CLASS IIIIB
 FLASH POINT: >200 F METHOD USED: ESTIMATE
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: ND UPPER: ND

EXTINGUISHING MEDIA: Water fog, Carbon dioxide, Dry chemical, or Foam.

SPECIAL FIREFIGHTING PROCEDURES: If water is used, fog nozzles are preferable. Water may be used to cool closed containers in order to prevent pressure build up which may result in containers rupturing. Use self contained breathing apparatus and protective clothing.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: Fires fueled by other materials and involving this product may cause the release of hydrogen bromide, bromine, hydrogen fluoride, fluorine, hydrogen chloride or chlorine gases.

===== SECTION V - REACTIVITY DATA =====

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Avoid mixing with caustic materials.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid mixing with caustics or oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition and or burning may produce oxides of carbon and HF gas.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

===== SECTION VI - HEALTH HAZARD DATA =====

PRIMARY ROUTES OF ENTRY: Inhalation X Eye Contact X
Skin Contact X Ingestion X

EXPOSURE LIMIT: Refer to Section II for PEL / TLV exposure limits.

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: Inhalation of fumes or mist can result in irritation or burns to the upper respiratory tract and lungs. Pulmonary edema and Fluoride poisoning can also occur.

EYE CONTACT: Product is corrosive to eyes.

SKIN CONTACT: Corrosive to skin. Dermatitis may result from repeated exposure.

SKIN ABSORPTION: Product is very corrosive to skin.

INGESTION: Harmful if swallowed. Corrosive effects. Can cause severe burns and complete tissue perforation of mucous membranes of mouth, throat and stomach. Fluoride poisoning can also occur.

CHRONIC EFFECTS OF OVEREXPOSURE: Ingestion of this product is corrosive causing tissue destruction in the mouth and esophagus. Can be fatal if left untreated by competent medical personnel.

CARCINOGENICITY: NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: May aggravate existing eye, skin, or upper respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove the subject from the contaminated area and take to a well-ventilated location. Administer oxygen (2.5% calcium gluconate if available, can be oxygen-nebulized by trained personnel) or cardiopulmonary resuscitation if necessary and as soon as possible. If subject is unconscious, give artificial respiration. Mouth-to-mouth resuscitation is not recommended. Take to a hospital immediately.

EYE CONTACT: Flush eyes with cool running water for 5 minutes. After, continue rinsing the eyes with a 1% calcium gluconate solution for 10 minutes. If this solution is not available, continue rinsing with water. Take to hospital immediately.

SKIN CONTACT: In case of contact, immediately flush skin with soap and plenty of water for at least 5 minutes. Remove contaminated clothing and shoes.

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Immediately apply 2.5% calcium gluconate gel and massage into the affected area using rubber gloves. Continue this until 15 minutes after pain is relieved. Apply water for 15 minutes if calcium gluconate is not available. Get immediate medical attention.

INGESTION: Rinse mouth with fresh water and drink two large glasses of water. When directed by physician give to drink either a 1% aqueous calcium gluconate solution, milk, or calcium/magnesium containing anti-acid. DO NOT INDUCE VOMITING. If unconscious, administer classical resuscitation measures but mouth-to-mouth resuscitation is not recommended. Never attempt to give anything by mouth to an unconscious person. Take to a hospital immediately.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop source of spill. Absorb with inert absorbant material and dispose of in a manner consistent with applicable regulations.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State, and local regulations. Under RCRA regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120 F. Keep closure tight and container upright to prevent leakage. Store drum out of sunlight and away from heat, sparks, or flame. Store only in well-ventilated areas.

OTHER PRECAUTIONS: Follow label instructions. KEEP OUT OF REACH OF CHILDREN.

===== SECTION VIII - PERSONEL SAFETY MEASURES =====

RESPIRATORY PROTECTION: Wear an appropriate, properly-fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

VENTILATION: Use with adequate ventilation. Provide general local exhaust ventilation to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the combined components listed in Section II and below the LEL in Section IV.

PROTECTIVE GLOVES: Impervious gloves recommended.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash, safety shower, impervious clothing and boots.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

===== SECTION IX - REGULATORY INFORMATION =====

TOXIC SUBSTANCES CONTROL ACT (TSCA): All chemical components in this product are listed on the TSCA Inventory List, or are exempt from listing.

SARA Section 312 HAZARD CATEGORIES: Fire Hazard___ Reactivity Hazard_X

Acute Health Hazard_X Chronic Health Hazard_X Pressure Hazard___

SARA Section 313 REPORTABLE COMPONENTS: (See Section II, If Applicable)

===== SECTION X - SHIPPING INFORMATION =====

DOT SHIPPING NAME: Corrosive Liquid, N.O.S. (Contains Phosphoric Acid)

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DOT HAZARD CLASS: Class 8
UN NUMBER: UN 1760
DOT PACKING GROUP: Group II
SPECIAL SHIPPING INFORMATION: Not Applicable

===== **DISCLAIMER** =====

The information on this Material Safety Data Sheet represents our current available data and best opinion as to the proper handling in use of this product under normal conditions. Any use of this product which is not in conformance with this Data Sheet or which involves using this product in combination with other materials, or processes is the sole responsibility of the user.