

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: 3900

PRODUCT NAME: GROUT RENEW  
 PRODUCT CODE: 3900

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

WHMIS CLASS: Not Determined

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

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

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

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
Hydrochloric Acid - (32%)	7647-01-0	5ppm	5ppm	20-30%
Phosphoric Acid - 75%	7664-38-2	3mg/m3	3mg/m3	15-20%

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

BOILING RANGE: >212 F                      SPECIFIC GRAVITY (H2O=1): 1.1  
 VAPOR DENSITY: ND                              EVAPORATION RATE: ND  
 DENSITY: 9.21 lb/gl                              MATERIAL V.O.C.: ND  
 SOLUBILITY IN WATER: COMPLETELY SOLUBLE.                      pH (Concentrate): <1  
 APPEARANCE AND ODOR: PINK LIQUID.                              pH (Diluted): ND  
 ODOR: MINT.

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

OSHA FLAMMABILITY CLASSIFICATION: CLASS IIIB  
 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 an explosion.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. However, containers may burst if overheated in fire. Cool containers using water spray or water fog nozzles.

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

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Avoid heat and mixing with other chemicals.

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**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong alkalis, oxidizing and reducing agents; materials reactive with hydroxyl compounds, and reactive metals such as aluminum or magnesium.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Thermal decomposition and or burning may produce oxides of carbon and various hydrocarbons.

**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       

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

**ACUTE EFFECTS OF OVEREXPOSURE**

**INHALATION:** May cause nose, throat, and lung irritation.

**EYE CONTACT:** May cause permanent eye injury.

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

**SKIN ABSORPTION:** Can be irritating to skin

**INGESTION:** This product may be harmful or fatal if ingested.

**CHRONIC EFFECTS OF OVEREXPOSURE:** Chronic effects and medical conditions aggravated by overexposure to this product have not been established. Unnecessary exposure to this product or any chemical should be avoided.

**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 to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

**EYE CONTACT:** Immediately flush eyes with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

**SKIN CONTACT:** Wash exposed area thoroughly with soap and water. Consult a physician if irritation develops.

**INGESTION:** IF SWALLOWED: Call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

===== 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.

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**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:** Not normally required if good ventilation is maintained. Avoid breathing vapors or mist.

**VENTILATION:** Local mechanical exhaust to provide normal ventilation.

**PROTECTIVE GLOVES:** Impervious gloves recommended.

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

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required.

**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\_\_\_ Pressure Hazard\_\_\_

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

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

**DOT SHIPPING NAME:** Corrosive Liquids, N.O.S. (Hydrochloric & Phosphoric Acids)

**DOT HAZARD CLASS:** Class 8

**UN NUMBER:** UN 1760

**DOT PACKING GROUP:** Group II

**SPECIAL SHIPPING INFORMATION:** Check for compatibility with other materials shipped.

===== 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.