

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: 1960

PRODUCT NAME: ATOX
 PRODUCT CODE: 1960

H M I S C O D E S : H C F R P
 3 0 1 D

W H M I S C L A S S : 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: 02/22/2007

PREPARED BY: MAURICIO A. AMAYA, DIRECTOR OF TECHNICAL SERVICES
 REVISION DATE: 04/12/2005

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

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
Phosphoric Acid - 75%	7664-38-2	1mg/m3	1mg/m3	20-30%
Hydrochloric Acid - (32%)	7647-01-0	5ppm	5ppm	5-10%

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

BOILING RANGE:	212-218 F	SPECIFIC GRAVITY (H2O=1):	1.12
VAPOR DENSITY:	ND	EVAPORATION RATE:	ND
DENSITY:	9.36 lb/gl	MATERIAL V.O.C.:	ND
SOLUBILITY IN WATER:	COMPLETELY SOLUBLE.	pH (Concentrate):	<1.0
APPEARANCE:	CLEAR PURPLE LIQUID.	pH (Diluted):	(1:100) 2.0
ODOR:	ACID-LIKE.		

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

OSHA FLAMMABILITY CLASSIFICATION: CLASS IIIB
 FLASH POINT: >212 F METHOD USED: TCC
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: ND UPPER: ND

EXTINGUISHING MEDIA: In case of fire, use water fog, dry chemical carbon dioxide, or "alcohol" foam. Water stream may be ineffective and may result in spreading the fire. Water spray (fog) is particularly effective.

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 =====

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

PRODUCT CODE: 1960

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 consistant 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: None required in excess of normal ventilation.

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: Synthetic apron to protect against splash of liquids.

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: None

===== 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.