

24-hour Emergency Phone: (800)255-3924
PRODUCT CODE: 3960

PRODUCT NAME: GUARD (A/14)
PRODUCT CODE: 3960

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

WHMIS CLASS: Not a Controlled Product

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SECTION I - MANUFACTURER IDENTIFICATION
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MANUFACTURER'S NAME: ATCO International
ADDRESS : 1401 Barclay Circle
 Marietta, GA 30060
INFORMATION PHONE : (770)424-7550

DATE PRINTED: 08/30/2011

PREPARED BY: Allen Buckalew, TECHNICAL SERVICES
REVISION DATE: 08/30/2011

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION
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REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
PROPANE/N-BUTANE	68476-86-8	NA	1000ppm	
TRIETHANOLAMINE	102-71-6	NA	5mg/m3	

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS
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BOILING RANGE:	212 F	SPECIFIC GRAVITY (H2O=1):	1.0
VAPOR DENSITY:	>1 (Air=1)	EVAPORATION RATE:	ND
DENSITY:	8.34 lb/gl	MATERIAL V.O.C.:	8%
SOLUBILITY IN WATER:	90%.	pH (Concentrate):	8.0
APPEARANCE:	COPIOUS WHITE FOAM.	pH (Diluted):	NA
ODOR:	CITRUS FRAGRANCE.		

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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OSHA FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE AEROSOL
FLASH POINT: NONE METHOD USED: TOC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: ND UPPER: ND
EXTINGUISHING MEDIA: Dry chemicals, Foam, or Carbon Dioxide.

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperatures above 120 deg.F may cause bursting.

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

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition and burning may produce carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

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

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

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

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: None known.

EYE CONTACT: Can cause irritation but does not injure eye tissue.

SKIN CONTACT: Non irritating.

SKIN ABSORPTION: No evidence of adverse effects from available information.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of product into lungs can cause chemical pneumonia. Minimal toxicity.

CHRONIC EFFECTS OF OVEREXPOSURE: There are no known chronic effects from this product.

TARGET ORGAN(S): None Known.

CARCINOGENICITY: NTP CARCINOGEN: _____ IARC MONOGRAPHS: _____ OSHA REGULATED: _____

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: No additional effects of overexposure to this material can be found from available information.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If breathing has stopped give artificial respiration. Get IMMEDIATE MEDICAL ATTENTION

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: If, in rare cases, allergic reaction occurs, wash with soap and water. Consult a physician if irritation persists.

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INGESTION: Do not induce vomiting. Seek medical attention 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: Store in a dry, cool place away from heat or open flame. Do not store at temperatures above 120 F.

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: None required.

EYE PROTECTION: Not required, but contact with eyes must be avoided.

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___

Acute Health Hazard___ Chronic Health Hazard___ Pressure Hazard_X

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

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

DOT SHIPPING NAME: ORM-D Consumer Commodity

DOT HAZARD CLASS: Not Applicable

UN NUMBER: Not Applicable

DOT PACKING GROUP: Not Applicable

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.