

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: 2871

PRODUCT NAME: DEFENDER  
 PRODUCT CODE: 2871

HMIS CODES: H C F R P  
 1 3 0

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
ETHYL ALCOHOL	64-17-5	1000ppm	1000ppm	40-70%
N,N-DIETHYL-M-TOLUAMIDE	134-62-3	ND	ND	20.00%

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

BOILING RANGE: 180 F (Conc.)      SPECIFIC GRAVITY (H2O=1): 0.885  
 VAPOR DENSITY: >1 (Air=1)      EVAPORATION RATE: ND  
 DENSITY: 7.38 lb/gl      MATERIAL V.O.C.: 55% by weight (CONC.)  
 SOLUBILITY IN WATER: COMPLETE (Conc).      pH (Concentrate): 6.4  
 APPEARANCE: TOWEL SATURATED W/ YELLOW-GREEN LIQUID      pH (Diluted): NA  
 ODOR: ALCOHOL AND MUSK SCENT

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

OSHA FLAMMABILITY CLASSIFICATION: CLASS IB  
 FLASH POINT: 62 F (CONC. ONLY)      METHOD USED: PMCC  
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: ND      UPPER: ND

EXTINGUISHING MEDIA: Water fog, Carbon dioxide, Dry chemical, or Foam. Do not use water as it may froth and cause the fire to spread.

SPECIAL FIREFIGHTING PROCEDURES: Keep containers cool and vapor down with water spray. Prevent runoff from entering sewers and public waterways. Use self contained breathing apparatus & protective clothing when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid on a polypropylene towel.

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



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**INGESTION:** Not a likely exposure route. Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not 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 any spilled liquid with an absorbent material. Sweep solid material into a suitable container 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:** Caution. Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes and lips. Do not apply to excessively sunburned or damaged skin. In rare cases, may cause skin reaction. Prolonged skin exposure may lead to dermatitis. Use only with adequate ventilation. Follow good chemical hygiene practices to avoid these hazards. If you suspect a reaction to this product, discontinue use, wash treated skin, and call your local poison control center. Keep away from heat, sparks and flame. Store in a cool, well ventilated area.

**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:** Not usually necessary but it should be provided in the event of overexposure.

**PROTECTIVE GLOVES:** None required.

**EYE PROTECTION:** Not required, but do not allow towel to directly contact eyes.

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

**WORK/HYGIENIC PRACTICES:** Always wash hands after handling and use.

===== 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 X Reactivity Hazard    

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:** ORM-D Consumer Commodity

**DOT HAZARD CLASS:** Not Applicable

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**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.