

MATERIAL SAFETY DATA SHEET

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

PRODUCT CODE: 6754

PRODUCT NAME: REPULSE (A/16)

HMIS CODES: H C F R P

PRODUCT CODE: 6754

1 1 0 B

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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PREPARED BY: LARRY E. OBERT, DIRECTOR OF TECHNICAL SERVICES

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 5 columns: REPORTABLE COMPONENTS, CAS NUMBER, PEL, TLV, WEIGHT PERCENT. Rows include LPG PROPELLANT and HYDROCARBON DISTILLATE.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 210 F
VAPOR DENSITY: ND
DENSITY: 8.13 lb/gl
SOLUBILITY IN WATER: COMPLETELY SOLUBLE.
APPEARANCE AND ODOR: CLEAR YELLOW TO ORANGE LIQUID.
ODOR: SLIGHT INSECTICIDE.
SPECIFIC GRAVITY (H2O=1): 0.975
EVAPORATION RATE: ND
MATERIAL V.O.C.: 19%
pH (Concentrate): 7.0
pH (Diluted): NA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE AEROSOL
FLASH POINT: NONE TO 210 F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: LEL
UPPER: UEL
METHOD USED: TCC

EXTINGUISHING MEDIA: Dry chemicals, Foam, or Carbon Dioxide.

SPECIAL FIREFIGHTING PROCEDURES: If water is used, spray or fog nozzles are preferred. Water may be used to cool containers in order to prevent pressure build-up which could result in containers bursting. Use self contained breathing apparatus & protective clothing when fighting fires.

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

SECTION V - REACTIVITY DATA

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Open flame, sparks, or high temperature.

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**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents.

**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:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to upper respiratory tract, dizziness, nausea and other central nervous system effects.

**EYE CONTACT:** Can cause moderate irritation, redness, tearing.

**SKIN CONTACT:** May cause skin irritation on repeated or prolonged contact.

**SKIN ABSORPTION:** Prolonged or repeated contact with the skin may cause defatting and irritation.

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

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

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

**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

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

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all ignition sources. Avoid breathing vapors. Shut off source of spill if it can be done safely. Use non-sparking tools. Absorb with inert, absorbant material and dispose of in accordance 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:** For prolonged contact wear impervious gloves.

**EYE PROTECTION:** Safety eye protection to protect against splash of liquids and also aerosol size particles is recommended.

**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\_X 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.