

MATERIAL SAFETY DATA SHEET

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

HMIS CODES: H C F R P Page 1 of 3
2 0 0 B

PRODUCT CODE: 2104

PRODUCT NAME: BLAST-OFF

SECTION I: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ATCO USA

ADDRESS : 2136 Kingston Court
Marietta, GA 30067

DATE PRINTED: 2/16/2010

INFORMATION PHONE : 770-424-7550

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SECTION II: HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
1,3 Dioxolane	646-06-0	ND	ND	1-5%
n-Propyl Bromide	106-94-5			90-95%

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 154 F

VAPOR DENSITY: 4.3 (Air=1)

DENSITY: 11.09 lb/gal

SOLUBILITY IN WATER: Negligible

ODOR: Strong Solvent

EVAPORATION RATE: >1.0 (BuAc=1)

MATERIAL V.O.C.: 96.5%

pH (Concentrate): NA

pH (Diluted): NA

APPEARANCE: Clear Liquid in Aerosol

SPECIFIC GRAVITY: 1.33

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

OSHA FLAMMABILITY CLASSIFICATION: CLASS IIIB

FLASH POINT: Non-Flammable (Flame Projection Test)

FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: 2.0% UEL: 5.0%

EXTINGUISHING MEDIA: Water fog, Carbon dioxide, Dry chemical, or Foam.

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.

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SECTION V: REACTIVITY DATA

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Open flames or temperatures >120 F.

INCOMPATIBILITY (MATERIALS TO AVOID): Acids, alkalies, oxidizing materials.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO₂, hydrocarbons, hydrogen halides and bromides.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

SECTION VI: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation, eye and skin contact.

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: May cause eye irritation.

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

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

INGESTION: Gastrointestinal tract irritation. Can be aspirated into lungs during vomiting.

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

CARCINOGENICITY:

MEDICAL CONDITIONS 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: IN CASE OF CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician. Wash skin with soap and water.

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.

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 absorbent 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: Keep away from heat, sparks and open flames. Contents under pressure. Do not store above 120 F.

OTHER PRECAUTIONS: Follow label instructions. KEEP OUT OF REACH OF CHILDREN.

SECTION VIII: PERSONAL 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: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.

WORK / HYGIENIC PRACTICES: Wash thoroughly after handling.

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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: Acute Health 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

UN NUMBER: Not Applicable

DOT PACKING GROUP: Not Applicable

SPECIAL SHIPPING INFORMATION: Not Applicable

SECTION XI: 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.