

# MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation  
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Ref. No.: 1804L  
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## SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT ODOR OUT  
Chemical name / synonyms: Water based odor nullifier  
Formula: Mixture  
D.O.T.: Non hazardous, no UN Number is required  
HMIS CODE: Health 1, Fire 1, Reactivity 0  
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

## SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Isopropyl Alcohol CAS# 67-63-0	5	400 ppm

## SECTION III - PHYSICAL DATA

Boiling Pt (°F): 177  
Vapor Pressure(mm Hg): 33  
Vapor Density(air=1): >1  
Solubility in water: complete  
Appearance and Odor: Liquid, strong pleasant odor.

Specific Gravity: 0.98  
Voc (% wt): 6  
Evaporation Rate (water=1): 1  
pH: 7

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): 110  
test method: closed cup  
Extinguishing Media: Carbon dioxide, water foam, dry chemical. The flash point rises rapidly with further dilution with water.  
Special fire fighting procedures: None  
Unusual fire and explosion hazard: Alcohol vapors are heavier than air.

Flammable limits in air (vol%)  
Upper:12 Lower:2 (Isopropyl)

## SECTION V - HEALTH HAZARD DATA ROUTES OF ENTRY

Threshold Limit Value: See Section II  
ACUTE Effects of Overexposure: Eyes-irritation, redness, tearing. Skin- irritation, dermatitis. Inhalation-nausea, dizziness, headache. Ingestion-nausea, dizziness, harmful if swallowed. Chronic effects: not known.  
Emergency and first aid procedures: EYES-flush under eye- shields with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. SKIN- remove contaminated clothing and launder before reuse. Wash skin with soap and water. INHALATION-remove person to fresh air. Administer artificial respiration if indicated. Obtain immediate medical assistance. INGESTION-do not induce vomiting. Call physician or poison center immediately.

## SECTION VI - REACTIVITY DATA

Stability: stable  
Conditions to avoid: Heat, sparks, open flame and contact with strong oxidizing agents.  
Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.  
Hazardous polymerization products: Will not occur.

## SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Eliminate all sources of ignition. Large spills: Dike and contain. Place in non-leaking containers for disposal agency. Small spills: soak or mop-up. Evaporates leaving little if any residue. Floor surfaces will be slippery.  
Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved respirator if TLV will be exceeded. Use only with adequate ventilation.  
Ventilation -local exhaust: recommended  
-mechanical exhaust: recommended  
Protective gloves: rubber  
Eye protection: chemical goggles  
Other protective equipment: Emergency shower and eye wash.

## SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store in a cool dry place, away from heat, spark, or open flame. Keep container tightly closed when not in use. Empty containers may retain hazardous residue. Do not cut or weld empty containers.

Other precautions: KEEP OUT OF REACH OF CHILDREN.

NA refers to not applicable on this form.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Regulations and Massachusetts Right to Know Law.