



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
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 1-877-1-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name AIR FAIR SMOKESCREEN
Product Use Liquid Odor Counteractant
Product Code F175
Date of issue 08/24/06 **Supersedes** 08/22/03

Emergency For MSDS Information:
Telephone Acuity Specialty Products Group, Inc.
Numbers Compliance Services 1-877-1-BUY-ZEP

For Medical Emergency:
 INFOTRAC
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

VALENCIA COMMUNITY COLLEGE
 1800 S KIRKMAN RD
 ANNMARIE WISE
 ORLANDO FL 32811

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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	<10	ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s). Not established
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly (oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy	9016-45-9	<10	Not established

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Skin, Inhalation.
Skin Prolonged or repeated contact may dry skin and cause irritation. Non-sensitizer for skin.
Eyes Liquid in eye may cause irritation with possible damage if not rinsed immediately. Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Over-exposure by inhalation may cause respiratory irritation. Exposure to high concentrations can cause dizziness, lightheadness, headache, nausea, and blurred vision. Medical Conditions Aggravated by Overexposure: Respiratory
Ingestion No data on acute toxicity of the product when ingested.

HMIS

Health	1
Fire Hazard	2
Reactivity	0
Personal Protection	B

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects Defatting to the skin. Prolonged or repeated contact may dry skin and cause irritation.
 See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact Wash affected area with soap or mild detergent and water. Get medical attention if irritation develops.
Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.
Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Closed cup: 40°C (104°F). **Flammable Limits** LOWER: 2% UPPER: 12%
(Tagliabue.)

Flammability Combustible. Avoid all possible sources of ignition (spark or flame).

Fire Hazard Vapor may cause flash fire. Combustible liquid. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.

Fire-Fighting Procedures Use DRY chemicals, CO₂, alcohol foam. Cool closed containers exposed to fire with water. Fire-fighters should wear proper protective equipment.

**Section 6. Accidental Release Measures**

Spill Clean up Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Keep away from sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Wash contaminated clothing before reusing. Keep container closed. Wash thoroughly after handling.

Storage Store and use away from heat, sparks, open flame, or any other ignition source. Store between 40°F - 120°F (4.4°C - 49°C). Keep container tightly closed and in a well-ventilated place. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Recommended: Safety glasses.

Body Recommended: For prolonged or repeated handling, use gloves. Neoprene gloves. Rubber gloves.

Respiratory Provide adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

Physical State Thin liquid **Color** Colorless.

pH 5.0-6.0 **Odor** Pleasant.

Boiling Point 87.8°C (190°F) **Vapor Pressure** Not determined.

Specific Gravity 0.98 (Water = 1) **Vapor Density** Not determined.

Solubility Easily soluble in cold water. **Evaporation Rate** 1 compared to Water

VOC (Consumer) 73.4 (g/l). (7.5%)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Carbon Oxides (CO, CO₂)

Section 11. Toxicological Information

Toxicity to Animals **Isopropyl Alcohol:**
ORAL (LD50): Acute: 5045 mg/kg [Rat].

Section 12. Ecological Information

Ecotoxicity Not available.

Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (None.)
Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name None.

DOT Classification Not a DOT controlled material (United States). **UN number** Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.