



ZEP Manufacturing Company  
Acuity Specialty Products Group, Inc.  
P.O. Box 2015  
Atlanta, GA 30301  
1-877-I-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 CONQUER  
**Product Use** Odor Counteractant  
**Product Code** F186  
**Date of issue** 10/05/05 **Supersedes** 02/22/00

**Emergency Telephone Numbers** For MSDS Information:  
 Acuity Specialty Products Group, Inc.  
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

**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

Printing date: 10/05/05

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

## Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1 - 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	1 - 10	Not established

## Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Eye contact. Inhalation.

**Skin** No known acute effects of this product resulting from skin contact. Prolonged or repeated contact may dry skin and cause irritation.

**Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion** Can cause gastrointestinal disturbances.

**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** The substance may be toxic to liver. Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)

### HMIS

Health	1
Fire Hazard	3
Reactivity	0
Personal Protection	B

## Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

**Skin Contact** Wash with soap 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**

<b>Flash Point</b>	Closed cup: 35°C (95°F).	<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Flammable liquid. Vapor may cause flash fire.		
<b>Fire Hazard</b>	May emit toxic fumes under fire conditions.		
<b>Fire-Fighting Procedures</b>	Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	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.
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**Section 7. Handling and Storage**

<b>Handling</b>	Keep away from heat, sparks and flame. Keep container closed. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling. Observe label precautions.
<b>Storage</b>	Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

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

<b>Eyes</b>	Safety glasses.
<b>Body</b>	For prolonged or repeated handling, use gloves. Recommended: Rubber gloves. Nitrile gloves. Neoprene gloves.
<b>Respiratory</b>	Use with adequate ventilation. Avoid direct inhalation of spray.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Clear. Yellow. (Light.)
<b>pH</b>	5.0 - 6.0	<b>Odor</b>	Pleasant.
<b>Boiling Point</b>	>87.77°C (190°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	0.98 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Soluble in cold water, hot water.	<b>Evaporation Rate</b>	1 compared to Water
		<b>VOC (Consumer)</b>	85.03 (g/l). 0.71 lbs/gal 8.70%

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> )

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Isopropyl Alcohol:</b>
	ORAL (LD50): Acute: 4700 mg/kg [Rat].
	DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].
	VAPOR (LC50): Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat (Female)].
	<b>Nonylphenoxy poly(Ethyleneoxy)Ethanol:</b>
	ORAL (LD50): Acute: 3310 mg/kg [Rat].
	DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	<b>Waste Stream</b>	Non-regulated waste
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Consult your local or regional authorities.

**Section 14. Transport Information**

<b>Proper shipping name</b>	None.
<b>DOT Classification</b>	Not a DOT controlled material (United States).
	<b>UN number</b> 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.

**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*