

# Material Safety Data Sheet



Superior Solutions

Zep, Inc.  
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Atlanta, GA 30318  
1-877-I-BUY-ZEP (428-9937)  
www.zep.com

## Section 1. Chemical Product and Company Identification

**Product name** AIR AID  
**Product use** Air Tool Conditioner  
**Product code** 9402  
**Date of issue** 07/01/09 **Supersedes** 04/04/01

## Emergency Telephone Numbers

**For MSDS Information:**  
Compliance Services 1-877-I-BUY-ZEP (428-9937)

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

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

PYRRO EQUIPMENT SERVICE  
42 KNOX TRAIL  
ACTON MA 01720

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## Section 2. Hazards Identification

### Emergency overview

\*Hazard Determination System (HDS): Health, Flammability, Reactivity

**DANGER !**

2 4 0

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. DO NOT SMOKE. SHUT OFF ALL IGNITION SOURCES. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. VAPOR HARMFUL.

CONTENTS UNDER PRESSURE.

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

### Acute Effects

#### Routes of Entry

Dermal contact. Inhalation.

**Eyes** Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

**Skin** Prolonged or repeated contact may dry skin and cause irritation. Skin inflammation is characterized by itching, scaling, or reddening.

**Inhalation** Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression. Exposure to high concentrations can cause dizziness, lightheadness, headache, nausea, and blurred vision. Higher levels may cause unconsciousness.

**Ingestion** May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

### Chronic effects

Prolonged or repeated contact may dry skin and cause irritation. Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. Contains material which may cause damage to the following organs: central nervous system, kidneys, liver, lungs, mucous membranes.

### Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
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None.

Additional Information: See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	30 - 40
PETROLEUM SPIRITS; vm&p naphtha; refined solvent naphtha	64742-89-8	20 - 30
LIQUIFIED PETROLEUM GAS; LPG	68476-86-8	10 - 20

#### Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If irritation persists, get medical attention.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



- Flash Point** Not determined.
- Flammable Limits** Not available.
- Flammability** Extremely Flammable Aerosol (CSMA flame extension test)
- Fire hazard** In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.
- Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

#### Section 6. Accidental Release Measures

- Spill Clean up** Large spills are unlikely due to packaging.

#### Section 7. Handling and Storage

- Handling** Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash contaminated clothing before reusing. Wash thoroughly after handling.
- Storage** CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep out of the reach of children.

#### Section 8. Exposure Controls/Personal Protection

##### Product name

ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol

##### Exposure limits

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).

LIQUIFIED PETROLEUM GAS; LPG

OSHA PEL (United States).

TWA: 1000 ppm 8 hour(s).

##### Personal Protective Equipment (PPE)

- Eyes** Safety glasses.
- Body** For prolonged or repeated handling, use gloves. Recommended: Neoprene gloves. Nitrile gloves.
- Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.



#### Section 9. Physical and Chemical Properties

- Physical State** Liquid. [Aerosol.]
- pH** Not applicable
- Boiling Point** 93°C (199.4°F)
- Specific Gravity** 0.78
- Solubility** Easily soluble in the following materials: cold water and hot water.
- Color** Red. Clear.
- Odor** Solvent. [Slight]
- Vapor Pressure** Not available.
- Vapor Density** Not available.
- Evaporation Rate** >1 (Butyl acetate. = 1)
- VOC (Consumer)** 89.0% 688.56 (g/l).

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. [Aerosol.]	<b>Color</b>	Clear. Amber. [Light]
<b>pH</b>	Not applicable	<b>Odor</b>	Solvent.
<b>Boiling Point</b>	Not determined.	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	0.75	<b>Vapor Density</b>	>1 [Air = 1]
<b>Solubility</b>	Insoluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	>1 (Butyl acetate. = 1)
		<b>VOC (Consumer)</b>	374 (g/l). 3.12 lbs/gal (50.0%)

**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, CO<sub>2</sub>)

**Section 11. Toxicological Information**

**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Heptane	LD50 Oral	Mouse	15000 mg/kg	-
	LC50 Inhalation Gas.	Mouse	18295 ppm	2 hours
Hydrotreated Light Petroleum Distillates	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-

**Section 12. Ecological Information**

**Environmental Effects** No known significant effects or critical hazards.

**Aquatic Ecotoxicity**

Not available.

**Section 13. Disposal Considerations**

**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Code: D001  
 Classification: - [Hazardous waste]  
 Origin: - [RCRA waste.]

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	None.	Consumer commodity	ORM-D	-	
<b>IMDG Class</b>	Not determined.			I	

**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.

PG\* : Packing group

**Section 15. Regulatory Information**

**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:  
No products were found.

**Clean Water Act (CWA) 307:** 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.

**State Regulations**

California Prop 65

**WARNING:** This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. :  
Toluene

### 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.*

*\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSS under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*