

MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pumps Air Neutralizer Refills-- All Fragrances
Manufactured By: Technical Concepts
Address: 1301 Allanson Road
Mundelein, IL. 60060
Phone: 847-837-4100

24-Hour Emergency Contact
1-800-535-5053(Infotrac)

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components greater than 1.0% (0.1% carcinogen or suspected carcinogen): See regulatory information

COMPONENTS	CAS#	%BY WT	OSHA-PEL/ACGIH	LC50	LD50
Oils	Mixture	1-5	5mg/m ₃ Mist/5 mg/m ₃ Mist	NE	NE
Ethyl Alcohol-	64-17-5	10-20	1000ppm/1000ppm	20000ppm, rat	7060mg/kg, rat
Acetone	67-64-1	15 -30	NA/500ppm	100mg/kg, rat	5800mg/kg, rat
Diethylene glycol Monoethyl ether	111-90-0	4-10	NA/50ppm ceiling	100mg/l, fish	5500mg/kg, rat

SECTION 3 - HAZARDS IDENTIFICATION

Hazards:

Flammable Liquid!

Routes of Entry: Eye: Y Skin Contact: Y Inhalation: Y Ingestion: Y
Health Hazards: Maybe irritating to the eyes and skin as well as the respiratory system
May cause central nervous system depression
Other Hazards: **Flammable Liquid**, material can burn with little or know visible flame

SECTION 4 - FIRST AID MEASURES

EYE: Immediately flush with water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if the irritation persists.
SKIN: Flush with cool water, wash with soap and water. Obtain medical attention.
INHALATION: If systems develop, move victim to fresh air. If persistent, obtain medical attention.
INGESTION: Do not induce vomiting. Rinse mouth with water then drink one to two glasses of H₂O. Obtain medical attention. Never give anything by mouth is victim is unconscious or is convulsing.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media: CO₂, foam, Dry Chemical
Fire Fighting Protection: wear a self-breathing apparatus, a half face vapor respirator (NIOSH APPROVED)
Unusual Fire and Explosive Hazards: N/A

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protection equipment, isolate area, and use non-sparking tools and equipment, DO NOT USE combustible materials, such as sawdust, do not flush to sewer. If a leak or spill has not ignited, use water spray to disperse vapors. Remove all sources of ignition and ventilate until area is cleaned. Small spills may be absorbed with non-reactive absorbent and placed in suitable covered, labeled containers. Prevent large spills.

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SECTION 7 - HANDLING AND STORAGE

Storage should be a no smoking area, as containers of this material may be hazardous once empty, since they retain product residues (vapors, liquids) observe all warnings.

Keep out of reach of children. Store in a closed container away from incompatible materials. Keep away from heat and open flames or other sources of ignition.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves: Not required-if used appropriately - avoid contact with skin

Eye Protection: Not required-avoid contact with eyes

Respiratory Protection: Not required under normal use

Ventilation: Not normally required if general ventilation is good

Protective Equipment: As required by company code

WARNING: Air purifying respirators do not protect workers in oxygen deficient atmosphere

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: .9097 @25°C (H₂O)

PH: 5.26-5.46

Vapor Pressure: N.E

Solubility: Appreciable

Appearance: Clear: colorless: pleasant

Flashpoint: 76°F/26°C

LEL: 2.6 (propanone)

UEL: 12.0 (propanone)

Boiling Point: 167°F/75°C

Melting Point: N/A

Autoignition: N/A

VOC: 18%

SECTION 10- STABILITY AND REACTIVITY

This product is considered a stable material, under normal storage and handling conditions. Avoid heat, flames, ignition sources and incompatible materials such as oxidizers and acids

SECTION 11 - TOXICOLOGY INFORMATION

This product contains no products that are listed on the NTP, IRAC, or OSHA carcinogen list, and this product conforms to IFRA guidelines

SECTION 12 - ECOLOGICAL INFORMATION

When released to the soil this material is expected to readily biodegrade, this material is unlikely to accumulate in the environment and the environmental problems under normal use of conditions; this material is not expected to be toxic to aquatic life

SECTION 13 - DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal. State and local disposal regulations may differ from federal regulations. Dispose of empty containers and used contents in accordance.

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(Acetone)
(VESSEL) B Flammable Liquid, N.O.S 3 UN1993 2
(Acetone)
National Motor Freight classification and LTL class: 57110 SUB3-class60

SECTION 15- REGULATORY INFORMATION

STATE RIGHT TO KNOW REGULATIONS:

SARA TITLE Section 313

<u>Chemical Name</u>	<u>CAS#</u>
Diethyl glycol mono ethyl ether	111-90-0

SARA 311,312 Hazard Categories: Community Right to know provision due to the following components of this material in one or more of the hazard categories listed in 40CFR 370:

<u>Chemical Name</u>	<u>CAS#</u>	<u>*Hazard Categories</u>
Acetone	67-64-1	A
Ethyl ether	60-29-7	A, C

*The five hazard categories are as follows: F= Fire hazard: S= Sudden release of pressure: R= Reactive: A-Immediate (Acute) Health Hazard: C= Delayed= (Chronic) Health Hazard

Pennsylvania Hazardous Substance:

<u>Chemical Name</u>	<u>CAS#</u>	<u>*List</u>
Acetone	67-64-1	PA 1, PA 3
Carbitol	111-90-0	PA 3

*Hazardous Categories are as follows: PA1: Pennsylvania Hazardous Substance present at greater than or equal to 1.0%
PAC: Pennsylvania Environmental Hazardous Substance present at greater than or equal to 1.0%

TOXIC: Substances control Act (TSCA)- All ingredients are listed on the chemical substances inventory Exempt.

US Federal: TSCA Section 12B: none of the components are on this list.

California Proposition 65 -which the state of California has found to cause cancer, birth defects or other reproductive harm, which will require a warning under this statute, CAS# 64-17-5

OSHA Hazard Communication Standard: This material is considered hazardous

NFPA: FLAMMABILITY: 3 HEALTH: 2 REACTIVITY: 1

CANADIAN REGULATIONS

WHIMS: THE Canadian Workplace Hazardous Materials Class- D- Division 2B, Class - B - Division 2: Flammable Liquid

<u>Canadian DSL:</u>	<u>CAS#</u>
Acetone	67-64-1

This product should be reported as: MIXTURE: Y, LIQUID: Y
Physical Hazards: FIRE: Y
Health Hazards: IMMEDIATE: Y DELAYED: N

SECTION 16- OTHER INFORMATION

Product Sales Information: 1-800-551-5155

MSDS Information: 847-837-4100

MSDS in compliance with ANSI Z400.1-1988-16 section MSDS format, MSDS # PMP-18-195-04, Effective 11/15/04, Revision 3

NA= Not Applicable

N.E= Not Established

MSDS Prepared by: L. Fields