

Concentrated Odor Neutralizing Agent

8164

PRODUCT DESCRIPTION

- ◆ ChemStation 8164 is a highly concentrated odor neutralizer, formulated specifically to control malodors present in refuse containers, waste hauling vehicles, landfills, waste treatment facilities and chemical plants where fugitive odors may be present.
- ◆ 8164 eliminates malodors from the air immediately and effectively.
- ◆ ChemStation 8164 has a pleasant lemon fragrance.

FEATURES

- ◆ pH buffered..... Environmentally safe, non-ozone-depleting.
- ◆ Natural lemon scent..... Neutralizes fugitive odors, including sulfides, naturally.
- ◆ Contains odor encapsulation technology..... Controls both liquid phase and vapor phase odors.

BENEFITS

TYPICAL INSPECTIONS

- ◆ Appearance..... Clear liquid
- ◆ Color..... Light yellow
- ◆ Odor..... Pleasant lemon fragrance
- ◆ Solubility..... Complete
- ◆ pH neat..... 8.1
- ◆ Specific Gravity..... 0.996
- ◆ Foaming..... Low
- ◆ Flash Point..... 123°F

DILUTION

- ◆ 500:1 to 1000:1

SAFETY

- ◆ Keep out of the reach of children.
- ◆ For industrial and commercial use only.
- ◆ Material Safety Data Sheets available with delivery or upon request.
- ◆ Read label instructions and MSDS carefully.

MATERIAL SAFETY DATA SHEET

Product Name: 8164
Manufacturer's Name: ChemStation Philadelphia
Address: 415 Boot Rd., Unit B
Downingtown, PA, 19335
Telephone Number: (610) 942-9400
Emergency Telephone Number: CHEMTREC (800) 424-9300
Product Created: March 18, 2003

SECTION 2 - COMPOSITION

Chemical Name:	CAS No.:	PEL:	TLV:	Wt %:
Fragrance	Blend	none	none	5-10
n-alkyl dimethyl benzyl ammonium chloride	68391-01-5	none	none	0-5
n-alkyl dimethyl ethyl benzyl ammonium chloride	68956-79-6	none	none	0-5
proprietary odor control agent	Blend	none	none	10-15
proprietary surfactant blend	mixture	none	none	5-10
water	7732-18-5	none	none	q.s.

This product contains no OSHA, NTP, or IARC listed carcinogens.

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Thin liquid which may be irritating.

Eyes: Irritating.

Skin: Irritating.

Inhalation (respiratory tract): Irritating.

Ingestion (gastrointestinal tract): Irritating.

Chronic (Cancer) Effects: There is no known effect from chronic exposure to this product.

Teratology (Birth Defect) Information: Components are not known to cause birth defects in humans.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush immediately with running water for fifteen minutes. See a physician if symptoms persist.

Skin: Flush with water immediately. See a physician if symptoms persist.

Inhalation (respiratory tract): Remove to fresh air. See a physician if symptoms persist.

Ingestion (gastrointestinal tract): Dilute stomach contents with water, if conscious. See a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 123 degrees F PMCC (combustible)

UEL: not applicable

Flammable Limits: None

LEL: not applicable

Autoignition Temperature: None

Extinguishing Media: Foam, carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Product is fragrant. Respirators should be used to fight fire on concentrated product while no respirator is needed on diluted material.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground and be ignited by distant ignition sources.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Action to Take for Spills and Leaks: Small spills should be mopped up. Large spills should be diked with inert absorbent. Material may be pumped back into container or neutralized for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes. Avoid prolonged contact with skin. Do not ingest. Keep out of reach of children.

Storage: Store product in ambient temperature. Avoid freezing or high heat.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:**Eye Protection:** Where splashing is likely, wear safety goggles.**Skin Protection:** Latex, natural rubber, neoprene or nitrile gloves are recommended.**Respiratory Protection:** Not normally required. If needed, such as in enclosed areas, use NIOSH-approved mask or respirator to maintain acceptable inhalation levels.**Other Protective Clothing or Equipment:** None.**Ventilation:** Normal room air circulation.

For exposure control levels such as Threshold Limit Values (TLVs) or Permissible Exposure Limits (PELs) please refer to Section 2.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thin liquid**Vapor Pressure:** not determined**Evaporation Rate (Bu0ac=1):** 0.33**Solubility in Water:** Complete**Melting Point:** <32 deg F**Odor:** Lemon**Vapor Density:** not determined**Boiling Point:** > 212 deg F**Specific Gravity:** 0.996**pH:** 8.1

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable.**Conditions to Avoid** Avoid extremes in temperature.**Incompatibility:** Strong oxidizers, acids.**Hazardous Decomposition or Byproducts:** None.**Hazardous Polymerization:** Will not occur.

SECTION 11 - TOXICOLOGY INFORMATION

No toxicity studies have been conducted on this product.

SECTION 12 - ECOLOGICAL INFORMATION

8164 is fully biodegradable. No toxicity studies have been conducted on this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with all applicable local, state, county and federal laws.

SECTION 14 - TRANSPORT INFORMATION

Shipping Name: Compound, Cleaning,N.O.I., Liquid**Hazard Class:** None**ID No.:** None**Packing Group:** None

SECTION 15 - REGULATORY INFORMATION

All ingredients in 8164 are listed on the TSCA inventory.

SECTION 16 - OTHER INFORMATION

CHEMSTATION HAZARD IDENTIFICATION:**Health:** 10= no appreciable health hazard
1= skin irritant
2= hazardous ingredients <70%
3= hazardous ingredients >= 70%**Flammability:** 20= flash point >200
1= 200 >= flash point >140
2= 140 >= flash point >100
3= flash point <= 100**Reactivity:** 0

0-3 assigned on basis of reactivity of individual ingredients

The data in this material safety data sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical data we believe is reliable. Because actual conditions of use are outside our control, no warranties, expressed or implied, are made and we assume no liability in connection with any use of this information.

Every effort has been made to accurately assess the possible hazards associated with this product. We believe that the actual hazards encountered using our products are less severe than those represented by the concentrated raw materials used to make them.

