

MATERIAL SAFETY DATA SHEET

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May be used to comply with OSHA's
Hazard Communication Standard
29CFR 1910.1200. Standard
must be consulted for specific
requirements.

SECTION I

IDENTIFICATION

Trade Name: AC Odor Treatment
Product Code: Mx-HO001
D.O.T Class: Non Hazardous
Chemical Class: Mixture

SECTION II

HAZARDOUS INGREDIENTS--IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
N-Alkyl dimethyl-N-benzyl ammonium chloride	68424-85-1	NE	NE
N,N-Dimethyl-1-dodecylamine-N-oxide	1643-20-5	NE	NE
N,N-Dimethyl-1-tetradecylamine-N-oxide	3332-20-2	NE	NE
N,N-Dimethyl-1-hexadecylamine-N-oxide	7128-91-8	NE	NE
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm
Ethylene glycol monobutyl ether	111-76-2	25 ppm	25 ppm

Other components, if any, are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.

SECTION III

PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.00 - 1.01
pH: 11.5 - 12.5
Evaporation Rate (BA=1): Greater than 1
Weight (lb./gal.): 8.60 lbs
Solubility in Water: Complete
Appearance: Clear liquid, lemon odor

SECTION IV

FIRE & EXPLOSION HAZARD DATA

Extinguishing Media: Water, foam, dry chemical, CO₂.
Special Fire Fighting Procedures: Use Self Contained Breathing Apparatus.
Unusual Fire & Explosion Hazards: None known.

SECTION V

REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: Strong oxidizers or reducing agents.
Hazardous Decomposition Products: Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.
Hazardous Polymerization: Will not occur.

SECTION VI

HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE:

Eyes: Corrosive, severe eye damage can result from direct contact.
Dermal: Irritation, redness, burning.
Inhalation: Irritation of mucous membranes.
Ingestion: May be fatal, burning pain in the mouth, throat, abdomen, severe swelling of larynx.

EMERGENCY RESPONSE AND FIRST AID PROCEDURES:

Eyes: Immediately flush with large amounts of water for 15 minutes, Contact a physician.
Dermal: Immediately flush with large amounts of water for at least 15 minutes, Contact a physician.
Inhalation: Remove victim to fresh air and get medical attention.
Ingestion: If swallowed drink promptly, a large quantity of egg whites, gelatin solution, or large quantities of water alcohol. Contact a physician.

ACUTE HEALTH HAZARDS:

Eye Contact: Causes severe burns, small quantities can result in permanent damage and/or loss of vision.

Skin Contact: Corrosive action causes burns and frequently deep ulceration with subsequent scarring. Prolonged contact destroys tissue. Mist from solutions can cause irritant dermatitis.

Inhalation: Inhalation of mists or vapors can cause damage to the upper respiratory tract and to the lung tissue depending on severity of exposure. Effects can range from mild irritation of mucous membranes to severe pneumonitis and destruction of lung tissue.

Ingestion: Ingestion can cause very serious damage to the mucous membranes or other tissues with which contact is made, and may be fatal.

CHRONIC HEALTH HAZARDS:

None expected at the industrial level. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

SECTION VII

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear a respirator. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spill should be contained, the material then moved into containers and disposed of by approved methods.

WASTE DISPOSAL METHOD:

In accordance with Local, State and Federal Laws.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required, with adequate ventilation.

Ventilation: Use in open, well-ventilated area.

Protective Gloves: Vinyl or rubber.

Eye Protection: Goggles.

Other: As needed.

Hygienic Practices: Always wash face and hands after contact.

SECTION IX

NOTES

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.

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