

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-684/68424-85-1.htm> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

68424-85-1

**Code:**

M

**RTECS:**

UZ2995000

**Code:**

M

**Name:**

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES 1 Envi

**Other REC Limits:**

N/P

**OSHA PEL:**

5 MG/M3 RESP

**Code:**

M

**OSHA STEL:**

N/P

**Code:****ACGIH TLV:**

5 MG/M3

**Code:**

T

**ACGIH STEL:**

10 MG/M3

**Code:**

T

## Control Measures

**Respiratory Protection:**

AVOID BREATHING MISTS OR VAPORS OF THIS PRODUCT.

**Ventilation:**

3 N/P

**Protective Gloves:**

RUBBER GLOVES, PROTECTIVE CUFF OR GAUNTLET TYPE PREFERRED.

**Eye Protection:**

USE CHEMICAL SPLASH GOGGLES.

**Other Protective Equipment:**

Equipment EYES-FOR CONTINUED OR SEVERE EXPOSURE WEAR A FACE SHIELD OVER THE GOGGLES.

**Work Hygienic Practices:**

N/P

**Supplemental Safety and Health:**

FIRST AID-IMMEDIATELY CALL A POISON CONTROL CENTER, A PHYSICIAN OR THE ECOLAB 24-HOUR MEDICAL EMERGENCY NUMBER (1-800-328-0026).

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

DANGER : SKIN AND EYE-CAN CAUSE SEVERE IRRITATION, POSSIBLE CHEMICAL BURNS. IF SWALLOWED-HARMFUL. CAN CAUSE CHEMICAL BURNS OF MOUTH, THROAT AND STOMACH. IF INHALED-VAPORS CAUSE IRRITATION.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

IF INHALED- A BURNING TASTE, SNEEZING, COUGHING AND DIFFICULTY BREATHING.,

**Medical Cond Aggravated By Exposure:**

2 PEOPLE WITH ASTHMA OR OTHER LUNG PROBLEMS MAY BE MORE AFFECTED.

**First Aid:**

EYE-IMMEDIATELY FLUSH WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING AT LEAST 15 MIN, HOLDING EYELIDS APART TO ENSURE RINSING OF THE ENTIRE EYE. CALL A PHYSICIAN IMMEDIATELY. SKIN-IMMEDIATELY FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MIN WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. IF SWALLOWED-RINSE MOUTH AT ONCE; THEN DRINK 1 OR 2 LARGE GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH

**Spill Release Procedures:**

DIKE OR DAM LARGE SPILLS. PUMP TO CONTAINERS OR SOAK UP ON INERT ADSORBANT. FLUSH RESIDUE TO SANITARY SEWER.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. RINSE EMPTY CONTAINER WITH WATER BEFORE DISCARDING.

**Handling And Storage Precautions:**

AVOID CONTAMINATION OF FOOD OR FOOD PRODUCTS. DO NOT STORE WITH FOOD PRODUCTS.

**Other Precautions:**

KEEP OUT OF REACH OF CHILDREN.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

NONE

**Autoignition Temp:****Autoignition Temp Text:**

N/K

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

N/P

**Fire Fighting Procedures:**

PRODUCT DOES NOT SUPPORT COMBUSTION.

**Unusual Fire/Explosion Hazard:**

NONE.

## Physical/Chemical Properties

**HCC:**

B3

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:****Boiling Point:**

>100 C, 212 F

**B.P. Text:****Melt/Freeze Pt:****M.P/F.P Text:**

N/K

**Decomp Temp:****Decomp Text:**

UNKNOWN

**Viscosity:**

N/K

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

LIQUID, DARK RED, ODOR NOT REPORTED.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

**Reactivity Data****Stability Indicator:**

YES

**Stability Condition To Avoid:**

STABLE UNDER NORMAL CONDITIONS OF HANDLING.

**Materials To Avoid:**

DO NOT MIX WITH ANYTHING BUT WATER.

**Hazardous Decomposition Products:**

N/P

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/P

## TOXICOLOGICAL Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

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