

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.html> 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

ACGIHSTEL:
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

LD50LC50Mixture:
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 Symptions 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 IMMEDIAT ELY. 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; THE N 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:
PRODICT 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

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.005-1.015

VOC Pounds/Gallon:

PH: 11.2 - 11.9

VOC Grams/Liter:

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.R.

Hazardous Decomposition Products:
N/P

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R 4

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

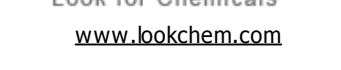
Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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