

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-714/71487-00-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
71487-00-8

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
QUATERNARY AMMONIUM COMPOUNDS, COCO ALKYLBI (HYD

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NOT REQUIRED. FOR PROLONGED USE, A MASK MAY BE DESIRED TO REDUCE INHALATION OF MIST.

**Ventilation:**  
N/R

**Protective Gloves:**  
CHEMICAL RESISTANT

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment IMPERVIOUS CLOTHING

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN: IRRITANT. INHALATION: NASAL IRRITATION. INGESTION: GASTRO-INTESTINAL IRRITANT. MAY AFFECT CNS.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptoms Of Overexposure:**  
PAIN, IRRITATION, DIZZINESS, NAUSEA

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING EYE, SKIN & RESPIRATORY DISORDERS AS WELL AS IMPAIRED LIVER & KIDNEY FUNCTIONS

**First Aid:**  
EYES: FLUSH W/LARGE AMOUNTS OF WATER. SKIN: WASH W/SOAP & WATER. INHALATION: MOVE TO FRESH AIR, IF CONSCIOUS. INGESTION: INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
REMOVE IGNITION SOURCES, AVOID BREATHING VAPORS. WIPE UP W/ABSORBANT MATERIAL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DON'T PUNCTURE/INCINERATE. DISPOSAL SHOULD BE W/SERVICE EQUIPPED TO HANDLE PRESSURIZED CONTAINERS SAFELY. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. FLAMMABLE GAS UN1950.

**Handling And Storage Precautions:**  
DON'T STORE >130F. READ & FOLLOW PRECAUTIONS ON CONTAINER. FOR COMMERCIAL/INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:**  
AVOID BREATHING VAPORS. PREVENT SKIN CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
32-38F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A 3

**Lower Limits:**  
1.8

**Upper Limits:**  
9.2

**Extinguishing Media:**  
CO2, DRY CHEMICAL

**Fire Fighting Procedures:**  
CONTAINERS SHOULD BE COOLED W/WATER TO PREVENT PRESSURE BUILDUP. USE EQUIPMENT/SHIELDING TO PROTECT FROM BURSTING/RUPTURING CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
AT ELEVATED TEMPERATURES >130F, CONTAINERS MAY VENT, RUPTURE/BURST.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/R

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
105

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
<1

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(BU AC=1): 4

**Solubility in Water:**  
NEGLEGIBLE

**Appearance and Odor:**  
MISTY SPRAY W/ALCOHOL ODOR

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
TEMPERATURES > 130F

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
CO, CO2 &ADDITIONAL TOXIC CHEMICALS MAY BE FORMED IN SMALL AMOUNTS UPON BURNING.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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