

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-707/70776-86-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

70776-86-2

**Code:**

M

**RTECS:****Code:**

X

**Name:**

COMPLEX SUBSTITUTED KETO AMINE

**Other REC Limits:**

N/K

**OSHA PEL:**

NOT APPLICABLE

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT APPLICABLE

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH/MSHA APPROVED RESPIRATOR WHERE TLV/PEL MAY BE EXCEEDED.

**Ventilation:**

LOCAL EXHAUST REQUIRED.

**Protective Gloves:**

NEOPRENE OR POLYVINYL GLOVES.

**Eye Protection:**

CHEM WORK GOGG/FULL LENGTH FCSHLD(FP N).

**Other Protective Equipment:**

Equipment APPROPRIATE PROTECTIVE CLOTHING. EYE WASH FACILITY SHOULD BE IN CLOSE PROXIMITY. DELUGE SHOWER (FP N).

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**

FIRST AID PROC: REMOVE CONTAM CLTHG. IF BRTHG IS DFCLT, ADMIN O\*2. IF RESPIRATION SS, GIVE MOUTH TO MOUTH RESUSCITATION. GET MD. 5

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE:EYES:CAUSES SEV IRRIT (OR BURNS) & POSS PERM CORNEAL DMG. SKIN:CAN CAUSE SEV IRRIT/BURNS. MAY BE ABSORBED THRU SKIN. INHAL:CAUSES IRRIT OF MUC MEMBS, NOSE, EYES & THROAT. INHAL OF HIGH CONCS MAY CAUSE HDCHS, VOMIT & COMA/DEATH. INGEST:TOX. CAN CAUSE SHOCK & LOSS OF CONSCIOUSNESS. MAY BE FATAL IF (EFTS OF OVEREXP)

**Explanation Of Carcinogenicity:**

NOT RELEVANT 3

**Signs And Symptoms Of Overexposure:**

HLTH HAZ:SWALLOWED. CHRONIC:CONTAINS PROPARGYL ALCOHOL; SUBCHRONIC INHAL STUDY CAUSED DEGENERATIVE CHANGES IN LIVER & KIDNEY.

**Medical Cond Aggravated By Exposure:**

INDIVIDUALS W/PRE-EXISTING DISEASES OF LUNGS, EYES & SKIN.

**First Aid:**

EYES:IMMED FLUSH IN DIRECTED STREAM OF H\*20 FOR @ LST 15 MIN WHILE FORCIBLY HOLDING EYELIDS APART TO ENSURE COMPLETE IRRIGATION OF ALL EYE & LID TISS. GET MD. SKIN:IMMED REMOVE CONTAM CLTHG & SHOES. F LUSH THRO W/H\*20 FOR @ LST 15 MIN. RINSE CLTHG. IF IRRIT PERSISTS, GET MD. INGEST:DO NOT INDUCE VOMIT. GET MD. (MED PERS--USE CAUTIOUS LAVAGE TO AVOID ASPIR.) INHAL:REMOVE TO FRESH AIR & (SUPP DATA)

**Spill Release Procedures:**

VENTILATE AREA OF SPILL. REMOVE ALL IGNITION SOURCES. WEAR PROTECTIVE CLOTHING. ABSORB ON NON-COMBUSTIBLE MATERIAL (VERMICULITE, SAND, EARTH) & STORE IN SUITABLE DRUM.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

EITHER INCINERATE OR PUT IN LANDFILL W/APPROVAL OF REGULATORY AGENCY. DISPOSE OF IN COMPLIANCE W/ALL APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP AWAY FROM HEAT & OPEN FLAMES. STORE IN COOL, DRY PLACE. LOOSEN DRUM BUNG TO RELEASE GASES. MATERIAL IS TOXIC. USE W/ADEQUATE VENTILATION.

**Other Precautions:**

AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

TCC

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

68.0F,20.0C

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

N/A 4

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

CO\*2, WATER, FOAM OR DRY CHEMICAL.

**Fire Fighting Procedures:**

WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**

REACTS W/ACTIVE METALS (POTASSIUM, SODIUM, ALUMINUM, ETC.) TO PRDCE FLAMM HYDROGEN GAS. MAY FORM TOX MATLS, CO, VAR HYDROCARBONS, ETC.

## Physical/Chemical Properties

**HCC:****NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/K

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

N/K

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

N/K

**Decomp Pres:****Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:****Spec Gravity:**

1.02-1.04

**VOC Pounds/Gallon:****VOC Grams/Liter:**

N/K

**Viscosity:****N/P****Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

APPRECIABLE

**Appearance and Odor:**

RED LIQUID, SOLVENT ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Conditions To Avoid Polymerization:**

NOT APPLICABLE 6

## Toxicological Information

**Information:****MSDS Transport Information:****Regulatory Information:****Sara Title III Information:****N/P****Federal Regulatory Information:****N/P****State Regulatory Information:****N/P****Other Information:****N/P**

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WARRANTY  
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## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NOT APPLICABLE

**Materials To Avoid:**

KEEP SEPARATE FROM ALKALIES STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**

COMBUSTION PRODUCTS: NO\*X, CO\*2, CO.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT APPLICABLE 6

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## Regulatory Information

**Sara Title III Information:****N/P****Federal Regulatory Information:****N/P****State Regulatory Information:****N/P****Other Information:****N/P**