

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-401/40164-67-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
40164-67-8

**Code:**  
M

**RTECS:**  
AB4087000

**Code:**  
M

**Name:**  
N-((ACETYLAMINO)METHYL)-2-CHLORO-N-(2,6-DIETHYLPH

**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:**  
IF >TLV, USE A SUITABLE MSHA/NIOSH APPROVED OR EQUIVALENT RESPIRATOR FOR DUST & MIST.

**Ventilation:**  
ADEQUATE 3

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
GOGGLES, GLASSES

**Other Protective Equipment:**  
Equipment FULL PROTECTIVE CLOTHING

**Work Hygienic Practices:**  
WASH THOROUGHLY W/SOAP & WATER AFTER HANDLING.

**Supplemental Safety and Health:**  
AVOID DIRECT APPLICATION TO ANY BODY OF WATER. DON'T CONTAMINATE WATER BY DISPOSAL OF WASTE OR CLEANING OF EQUIP. DON'T APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DON'T ALLOW DOMESTIC ANIMALS TO FEED OR FORAGE ON TREATED AREAS. DON'T USE GRASS CLIPPINGS FOR SEED/MULCHING OF FRUIT & VEGETABLES.

## Health Hazards Data

**LD50LC50 Mixture:**  
ORAL LD50 (RAT): 3100 MG/KG

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN: IRRITATION. EYES: IRRITATION OR BURNS.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptoms Of Overexposure:**  
SKIN: IRRITATION. EYES: IRRITATION OR BURNS.

**Medical Cond Aggravated By Exposure:**  
N/K 2

**First Aid:**  
EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: INDUCE VOMITING BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
DON'T TOUCH SPILLED MATERIAL. WEAR PROTECTIVE EQUIPMENT. CONTAIN SPILL W/DRI-RITE/SAND/NON-COMBUSTIBLE ABSORBENT. COLLECT INTO DOT DRUMS, COVER, MARK & REMOVE. FLUSH AREA WATER, IF POSSIBLE. DIKE AHEAD OF SPILL FOR LATER DISPOSAL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF DOT DRUM/WASTE WATER/ANY OTHER WASTE ACCORDING TO EPA/FED/STATE/LOCAL REGS. DON'T REUSE CONTAINER. TRIPLE RINSE CONTAINER. PUNCTURE/DISPOSE/INCINERATE IN A SANITARY LANDFILL IN ACCORDANCE W /STATE/LOCAL REGS. IF BURNED, STAY OUT OF SMOKE.

**Handling And Storage Precautions:**  
STORE IN A LOCKED AREA INACCESSIBLE TO CHILDREN OR PETS. STORE >25F TO KEEP IN SUSPENSION, <25F MAY FREEZE, IF FROZEN, MIX WELL TO SUSPEND WHEN >40F.

**Other Precautions:**  
AVOID CONTACT W/SKIN, EYES, OR CLOTHING & BREATHING VAPORS. KEEP OUT OF REACH OF CHILDREN.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
FOAM, CO2, DRY CHEMICAL, WATER. LARGE FIRES: WATER SPRAY, FOG OR FOAM.

**Fire Fighting Procedures:**  
WEAR A POSITIVE PRESSURE BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. FIGHT FIRE FROM MAXIMUM DISTANCE. EVACUATE AREA. STAY UP WIND/OUT OF LOW AREAS.

**Unusual Fire/Explosion Hazard:**  
PRODUCT MAY BURN AT HIGH TEMPS. RUN OFF FROM FIRE CONTROL AREA OR DILUTION WATER MAY CAUSE POLLUTION.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F

**Melt/Freeze Pt:**

**M.P./F.P Text:**  
24F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
<17

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
7.154

**VOC Pounds/Gallon:**

**PH:** 5-5.7

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
MISCIBLE

**Appearance and Odor:**  
TAN, LIQUID SUSPENSION W/COFFEE LIKE ODOR

**Percent Volatiles by Volume:**  
44%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH TEMPERATURES OR TEMPERATURES

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
CO, NITROGEN OXIDES, HYDROCHLORIC ACID, IRRITATING OR POISONOUS GASES.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K 4

## Toxicological Information

**Information:** N/P

## MSDS Transport Information

**Information:** N/P

## Regulatory Information

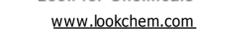
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:** N/P



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