

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-191/19125-99-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
19125-99-6  
**Code:**  
M  
**RTECS:**  
  
**Code:**  
X  
**Name:**  
4-BUTYLAMINO-N-BUTYL-1,8-NAPHTHALIMIDE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
  
**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
IN CASES WHERE THERE IS A LIKEIHOOD OF INHALATION EXPOSURE TO POWDER (DUST), WEAR A NIOSH APPROVED DUST RESPIRATOR.

**Ventilation:**  
LOCAL EXHAUST RECOMMENDED. MECHANICAL ACCEPTABLE.

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
N/K

**Other Protective Equipment:**  
Equipment SAFETY SHOWER &EYE WASH

**Work Hygienic Practices:**  
REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INGESTION: NAUSEA, VOMITING & ABDOMINAL PAIN, GASTROINTESTINAL DISTRESS, DIARRHEA. SKIN: NONE TO MILD IRRITATION EXPECTED. EYES: POSSIBLE IRRITATION. INHALATION: MUSCOUS MEMBRANES IRRITATION, CONGESTI ON OR UPPER RESPIRATORY IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INGESTION: NAUSEA, VOMITING & ABDOMINAL PAIN, GASTROINTESTINAL DISTRESS, DIARRHEA. SKIN: NONE TO MILD IRRITATION EXPECTED. EYES: POSSIBLE IRRITATION. INHALATION: MUCOUS MEMBRANES IRRITATION CONGESTION OR UPPER RESPIRATORY IRRITATION.

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

**First Aid:**  
INHALATION: MOVE TO FRESH AIR. IF DIFFICULTY IN BREATHING, ADMINISTER OXYGEN. INGESTION: IF PERSON IS FULLY CONSCIOUS INDUCE VOMITING, GIVE SYRUP OF IPECAC. EYES: WASH W/FLOWING WATER FOR 10 TO 15 MIN S. SKIN: WASH AFFECTED AREA W/SOAP & WATER. PHYSICIAN NOTE: NO KNOWN ANTIDOTE. SUPPORTIVE THERAPY IS RECOMMENDED. MONITOR FOR METHEMOGLOLIN FORMATION. MAY BE METABOLIZED TO YEILD FREE AMINE.

**Spill Release Procedures:**  
WHERE EXPOSURE ISN'T KNOWN, WEAR A NIOSH APPROVED DUST RESPIRATO USING AN ABSORBANT TO PREVENT DUSTING, SWEEP OR SHOVEL SPILLS INTO A WASTE DISPOSAL CONTAINER. WASH DOWN THE AREA W/WATER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
BURY OR INCINERATE ACCORDING TO FEDERAL, STATE, & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
IN ACCORDANCE W/GOOD INDUSTRIAL PRACTICES, HANDLE WITH CARE & AVOID PERSONAL CONTACT.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
FOG, WATER, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS & APPROPRIATE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K 3

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
BRIGHT GREENISH-YELLOW POWDER, NO ODOR

**Percent Volatiles by Volume:**  
<1%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT, OPEN FLAMES

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
TOXIC OXIDES OF NITROGEN &CARBON.

**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