

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-53/53-21-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
53-21-4  
**Code:**  
M

**RTECS:**  
YM3050000  
**Code:**  
M

**Name:**  
COCAINE HYDROCHLORIDE \*95-1\* 1

**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:**  
NONE REQUIRED

**Ventilation:**  
NORMAL ROOM VENTILATION.

**Protective Gloves:**  
NONE REQUIRED

**Eye Protection:**  
NONE REQUIRED

**Other Protective Equipment:**  
Equipment NONE REQUIRED

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
HEALTH HAZARDS CONT'D: POSSIBLE CLONICTONIC CONVULSIONS, EMESIS, DEPRESSION. DEATH MAY OCCUR. SIGNS & SYMPTOMS CONT'D: POSSIBLE CLONICTONIC CONVULSIONS, EMESIS, DEPRESSION. DEATH MAY OCCUR.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
CONTACT W/EYES MAY LEAD TO CORNEA DAMAGE. EXCESS CONTACT W/SKIN MAY LEAD TO NERVOUSNESS/RESTLESSNESS/ANXIETY/CONFUSION/EXCITEMENT/TREMORS/UNCONSCIOUSNESS/RESPIRATORY FAILURE/HEADACHE/RAPID PULSE/IRREG ULAR RESPIRATION/CHILLS/RISE IN BODY TEMPERATURE/MYDRIASIS/EXOPHTHALMOS/NAUSEA/VOMITING/ABDOMINAL PAIN. (SEE SUPP)

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
CONTACT W/EYES MAY LEAD TO CORNEA DAMAGE. EXCESS CONTACT W/SKIN MAY LEAD TO NERVOUSNESS/RESTLESSNESS/ANXIETY/CONFUSION/EXCITEMENT/TREMORS/UNCONSCIOUSNESS/RESPIRATORY FAILURE/HEADACE/RAPID PULSE/IRREGU LAR RESPIRATION/CHILLS/RISE IN BODY TEMPERATURE/MYDRIASIS/EXOPHTHALMOS/NAUSEA/VOMITING/ABDOMINAL PAIN. (SEE SUPP)

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

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. SKIN: FLUSH W/WATER. EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ABSORB & CLEAN AREA.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE AT CONTROLLED ROOM TEMPERATURE. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:**  
RESUSCITATIVE EQUIPMENT & DRUGS SHOULD BE IMMEDIATELY AVAILABLE WHEN ANY LOCAL ANESTHETIC IS USED. 2

## 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/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER, DRY CHEMICAL, FOAM, CO2.

**Fire Fighting Procedures:**  
NONE

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K 3

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
GREEN LIQUID.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
CALOMEL, MERCURIC OXIDE, SILVER NITRATE, ALKALOID PRECIPITANTS.

**Hazardous Decomposition Products:**  
N/K

**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