

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-420/4205-91-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
4205-91-8
Code:
M

RTECS:
NJ2490000
Code:
M

Name:
CLONIDINE HYDROCHLORIDE, CATAPRES

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:
ACGIH TLV: N/K
Code:
1 OSHA STEL:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED DUST RESPIRATORY.

Ventilation:
LOCAL EXHAUST

Protective Gloves:
RUBBER

Eye Protection:
SAFETY GOGGLES

Other Protective Equipment:
Equipment LABORATORY APPAREL, EYEWASH FOUNTAIN

Work Hygienic Practices:
DON'T PERMIT EATING, DRINKING OR SMOKING NEAR THIS MATERIAL. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
ORAL RAT LD50 = 150 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: RASH/IRRITATION. INHALATION: RESPIRATORY TRACT, DRY MOUTH, DROWINESS, SEDATION, CONSTIPATION, DIZZINESS, HEADACHE, FATIGUE, PROFOUND HYPOTENSION, WEAKNESS, SOMNOLENCE, DIMINISHED OR ABSENT REFLEXES & VOMITING. EYES: IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
SKIN: RASH/IRRITATION. INHALATION: RESPIRATORY TRACT IRRITATION, DRY MOUTH, DROWSINESS, SEDATION, CONSTIPATION, DIZZINESS, HEADACHE, FATIGUE, PROFOUND HYPOTENSION, WEAKNESS, SOMNOLENCE, DIMINISHED OR ABSENT REFLEXES & VOMITING. CLONIDINE OVERDOSE USUALLY RESPONDS TO SYMPTOMATIC TREATMENT W/CAREFUL CARDIAC MONITORING.

Medical Cond Aggravated By Exposure:
HYPERSENSITIVITY TO MATERIAL, CEREBRAL OR CORONARY INSUFFICIENCY, RAYNAUD'S DISEASE, THROMBOANGITIS OBLITERANS, HISTORY OF DEPRESSION.

First Aid:
INGESTION: FLUSH OUT MOUTH W/WATER. SEEK MED ATT. INHALATION: REMOVE TO WELL VENTILATED AREA & GET MED ATT. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING SS, START ARTIFICIAL RESPIRATION. EYES: IRRIGATE W/COPIOUS QUANTITIES OF WATER. SEEK MED ATT. SKIN: FLUSH AFFECTED AREA W/COPIOUS QUANTITIES OF WATER. GET MED ATT.

Spill Release Procedures:
WEAR APPROVED RESPIRATOR & CHEMICALLY COMPATABLE GLOVES. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WAST DISPOSAL. VENTILATE AREA & WASH SPILL SITE.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. RECOMMENDED METHOD IS BY INCINERATION OR LANDFILL.

Handling And Storage Precautions:
MAXIMUM HANDLING TEMPERATURE FOR REASONS OF QUALITY IS 140F & FOR SAFETY IS 320F. STORE IN TIGHT CONTAINER & PROTECT FROM LIGHT & EXTREMES OF HEAT.

Other Precautions:
USE W/ADEQUATE DUST CONTROL. AVOID CONTACT W/EYES, SKIN/CLOTHING. AVOID BREATHING DUST. WEAR FRESH CLOTHING DAILY. WASH CONTAMINATED CLOTHING BEFORE REUSE. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
>572F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, CO2, FOAM

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. EVACUATE PERSONNEL TO SAFE AREA. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:
FINELY DIVIDED ORGANIC SOLID DUST IS EXPLOSIVE IF MIXED WITH AIR & IF IN THE PRESENCE OF AN IGNITION SOURCE. GROUND EQUIPMENT TO PREVENT STATIC ELECTRICITY.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R 3

Melt/Freeze Pt:

M.P/F.P Text:
581F

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/R

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
APPRECIABLE

Appearance and Odor:
WHITE TO OFF-WHITE CRYSTALLINE POWDER, ODORLESS

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
IGNITION SOURCES, TEMPS >140F, LIGHT, HEAT

Materials To Avoid:
N/K

Hazardous Decomposition Products:
TOXIC FUMES

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

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WARRANTY

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