

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-901/9010-69-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

9010-69-9

Code:

M

RTECS:**Code:**

X

Name:

ZINC RESINATE (SARA 313)

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

N/K

Code:

M

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

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

N/K

Ventilation:

USE ONLY IN AREAS W/SUFFICIENT VENT TO MAINTAIN VAP CONC BELOW RECOMMENDED EXPOS LIMS. PROVIDE LOCAL EXHAUST IF NECESS.

Protective Gloves:

IMPERVIOUS GLOVES.

Eye Protection:

SAFETY GLASSES, CHEMICAL GOGGLES. 8

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

N/K

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

N/P 6

Health Hazards Acute And Chronic:

EYE: LIQUID/VAPOR MAY CAUSE SEVERE IRRITATION. SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION & DERMATITIS. SOLVENTS MAY BE ABSORBED THROUGH SKIN. SYMPTOMS INCLUDE DRYNESS & CRACKING. INHALATION: INHALATION OF VAPORS AT CONC EXCEEDING ESTABLISHED EXPOSURE LIMITS MAY CAUSE RESPIRATORY SYSTEM IRRITATION. **

Explanation Of Carcinogenicity:

N/K

Signs And Symptoms Of Overexposure:

**SYMPTOMS OF OVEREXPOSURE INCLUDE DROWSINESS, LIGHT-HEADEDNESS, DIZZINESS, NAUSEA, HEADACHE, NERVOUS SYSTEM DAMAGE, LIVER DAMAGE W/BLOOD EFFECTS. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, DIARRHEA & VOMITING. SOLVENT ASPIRATION INTO THE LUNG AS A RESULT OF VOMITING MAY CAUSE LUNG DAMAGE/POSSIBLY DEATH.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYE: IMMEDIATELY FLUSH W/PLENTY OF WATER-15 MIN., HOLDING EYELIDS OPEN. CALL PHYSICIAN. SKIN: WASH AFFECTED AREA W/SOAP & WATER. PROLONGED CONTACT MAY DEFAT SKIN, RESULTING IN DRYNESS, CRACKING, DERMATITIS. INHALE: PROVIDE FRESH AIR. IF NOT BREATHING, GIVE CPR. CALL PHYSICIAN. SWALLOWED: DO NOT INDUCE VOMITING. GIVE VICTIM TWO GLASSES OF MILK OR WATER TO DRINK & CALL A PHYSICIAN.

Spill Release Procedures:

EXTINGUISH ALL IGNITION SOURCES. VENTILATE THE AREA. OBSERVE THE PRECAUTIONS FROM OTHER SECTIONS. COLLECT SPILLED MATERIAL. PLACE IN A U.S. DEPARTMENT OF TRANSPORTATION-APPROVED METAL CONTAINER & SEAL.

Neutralizing Agent:

N/K

Waste Disposal Methods:

INCINERATE BULK PRODUCT AFTER MIXING W/FLAMMABLE MATERIAL IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGULATIONS. U.S. EPA HAZARDOUS WASTE NUMBER: D001 (IGNITABLE).

Handling And Storage Precautions:

FOR INDUSTRIAL/PROFESS USE ONLY. KEEP FROM IGNITE SOURCES. VAPORS RELEASED FROM PRODUCT CAN BE IGNITED EASILY. AVOID PROLONGED BREATHING OF VAPORS. 7

Other Precautions:

KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID EYE & SKIN CONTACT. USE EYE AND SKIN PROTECTION TO PREVENT CONTACT. KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

-14F,-26C

Autoignition Temp:

N/K

Autoignition Temp Text:

N/K

Lower Limits:

1.00

Upper Limits:

7.00

Extinguishing Media:

CO2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

Unusual Fire/Explosion Hazard:

EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO PRESSURE BUILDUP.

Physical/Chemical Properties

HCC:**NRC/State IIC No:**

N/K

Net Prop WT For Ammo:

N/K

B.P. Text:

140F,60C

Melt/Freeze Pt:

Melt/Freeze Pt

M.P./F.P. Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

120 MMHG**

Vapor Density:

3.00

Volatile Org Content %:

N/K

Spec Gravity:

0.820 WATER = 1

VOC Pounds/Gallon:

N/K

PH: **68 F**VOC Grams/Liter:**

N/K

Viscosity:

7500.0 TO *

Evaporation Rate & Reference:

2.50 (ETHER = 1)

Solubility In Water:

VERY SLIGHT

Appearance and Odor:

BLACK, MEDIUM PASTE, MILD ODOR.

Percent Volatiles by Volume:

65

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K

Stability Indicator:

YES 9

Stability Condition To Avoid:

N/K

Materials To Avoid:

N/K

Hazardous Decomposition Products:

CO, CO2 AND SMOKE PARTICLES WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME.

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

Other Information:

N/P