

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-133/1332-09-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1332-09-8

Code:

M

RTECS:

Code:

X

Name:

PUMICE

Other REC Limits:

10 MG/M3 (MFR)

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED RESPIRATOR.

Ventilation:

PROVIDE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR SMOKE LEVELS AS LOW AS POSSIBLE.

Protective Gloves:

RUBBER OR PLASTIC RECOMMENDED 5

Eye Protection:

SAFETY GOGGLES RECOMMENDED

Other Protective Equipment:

Equipment EYEBATH, WASHING FACILITY, SAFETY SHOWER

Work Hygienic Practices:

OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

3 LD50 (ORAL, RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, MUCOUS MEMBRANES, SKIN. ACUTE- CORROSIVE, TOXIC AND IRRITANT. DIRECT CONTACT WITH LIQUID SNCL4 PRODUCES ACID BURNS. CAN BURN EYES, SKIN, MUCOUS MEMBRANES. HARMFUL IF INHALED OR INGESTED. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SEVERE IRRITATION, COUGHING, SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITING, BURNS, PAIN

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

GET MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER, THEN WASH WITH SOAP & WATER. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALE: REMOVE TO FRESH AIR.

PROVIDE OXYGEN/CPR IF NEEDED. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 2 GLASSES OF WATER TO DILUTE CHEMICAL.

Spill Release Procedures:

IF CONTENTS OF A TUBE ARE RELEASED, LEAVE AREA UNTIL SMOKE GENERATION SUBSIDES. FILL A BUCKET 3/4 FULL OF WATER & ADD 1 OZ OF SODIUM BICARBONATE. SWEEP UP TUBE & SPILLED CONTENTS & PLACE IN BUCKET OVERNIGHT. POUR NEUTRALIZED WATER DOWN DRAIN.

Neutralizing Agent:

SODIUM BICARBONATE

Waste Disposal Methods:

DISPOSAL MUST COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN TIGHTLY CLOSED CONTAINERS AWAY FROM MOISTURE, WATER VAPORS AND INCOMPATIBLE MATERIALS. 4

Other Precautions:

WASH THOROUGHLY AFTER HANDLING. DO NOT BREATHE SMOKE. KEEP OUT OF REACH OF CHILDREN. THIS PRODUCT IS FOR USE IN DETERMINATION OF DIRECTION AND VELOCITY OF VENTILATION AIR CURRENTS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

N/R

Lower Limits:

NOT RELEVANT

Upper Limits:

NOT RELEVANT

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:

TUBES MAY RUSTURE AND EMIT TOXIC FUMES AND DENSE SMOKE UNDER FIRE CONDITIONS. AVOID CONTACT WITH RUN-OFF WATER WHICH MAY BE ACIDIFIED BY LEACHED TUBE CONTENTS.

Physical/Chemical Properties

HCC:

C1

NRC/State LTC No:

NOT RELEVANT

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

235F,113C

Melt/Freeze Pt:

N/A

M.P/F.P Text:

N/P

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Pres:

10-20 @77F

10-20 @77F

Vapor Density:

>1

Volatile Org Content %:

N/A

Spec Gravity:

>1

VOC Pounds/Gallon:

N/A

PH: Acidic

VOC Grams/Liter:

N/A

Viscosity:

NOT RELEVANT

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

SOLUBLE - DECOMPOSES

Appearance and Odor:

GRAY TO BLACK GRANULES, ACID ODOR

Percent Volatiles by Volume:

50

Corrosion Rate:

UNKNOWN

Health Hazards Acute And Chronic:

NOT RELEVANT

Health Hazards Chronic:

NOT RELEVANT

Health Hazards Acute:

NOT RELEVANT

Health Hazards Chronic:

NOT RELEVANT

Health Hazards Acute:

NOT RELEVANT

Health Hazards Chronic:

NOT RELEVANT

Health Hazards Acute:

NOT RELEVANT

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NOT RELEVANT

Health Hazards Acute:

NOT RELEVANT

Health Hazards Chronic:

NOT RELEVANT