

## **TROWLEZE**

### **MSDS Number**

BRPCV

### **National Stock Number**

9350-00-274-3841

### **Product Name**

TROWLEZE

### **Manufacturer**

NATIONAL REFRACTORIES AND MINERAL CORP

### **Product Identification**

Product ID:TROWLEZE  
MSDS Date:10/02/1991  
FSC:9350  
NIIN:00-274-3841  
MSDS Number: BRPCV

### **Responsible Party**

NATIONAL REFRACTORIES & MINERAL CORP

1852 RUTAN DR.

LIVERMORE , CA 94550

US

Emergency Phone: 510-449-5010

Info Phone: 510-449-5010

Preparer: MSDS # 0084-2

Cage: NATRF

### **Contractor**

NATIONAL REFRACTORIES AND MINERALS CORP

47

OAKLAND, OH 44408-9448

US

(415) 462-1122

Cage: NATRF

### **Ingredients**

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight:

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

GROG (ALUMINOSILICATE)

CAS: 66402-68-4

Fraction By Weight: >55%

SODIUM METASILICATE (SODIUM SILICATE)

CAS: 6834-92-0

RTECS: VV9275000

Fraction By Weight:

## Hazards

LD50 LC50 Mixture:LD50 ORAL RAT=1153MG/KG(SODIUM SILICATE)

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHAL:LONG TERM EXPOSURE TO THE DUST(RESPIRABLE SILICA)MAY CAUSE LUNG DISEASE.SKIN:REPAETED CONTACT MAY CAUSE IRRITATION.EYES:MAY IRRITATE OR CAUSE INJURY.INGEST:NOT REPORTED.

Explanation of Carcinogenicity:CRYSTALLINE SILICA HAS BEEN CLASSIFIED AS A 2A CARCINOGEN BY IARC.

Effects of Overexposure:EYES:MAY IRRITATE/INJURE;SKIN:MAY IRRITATE ON PROLONGED/REPEATED CONTACT;INGEST/INHAL:NOT KNOWN

Medical Cond Aggravated by Exposure:PERSON WITH PREEXISTING RESPIRATORY AILMENTS MAY BE AT HIGHER RISK FROM EXPOSURE.

## First Aid

First Aid:SKIN:WASH WITH PLENTY OF SOAP AND WATER.EYES:IRRRIGATE WITH WATER FOR 15 MINUTES.CONSULT PHYSICIAN IF NEEDED.INHAL:REMOVE TO FRESH AIR.INGEST:NO HAZARD EXPECTED.

## Fire Fighting

Flash Point:NONE

Extinguishing Media:USE APPROPRAITE AGENT FOR SURROUNDING FIRE.

Fire Fighting Procedures:HMIS SUGGESTS TO USE A SELF-CONTAINED BREATHING APPARATUS WHENEVER FIGHTING A CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

## Accidental Release

Spill Release Procedures:USE A DUST FREE METHOD TO CLEAN UP SPILL.PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:DO NOT BREATHE DUST.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR PARTICULATES.

Ventilation:LOCAL EXHAUST TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

FORMULA CHANGE ON SAME NSN;CAGE 4H756;PNIND A.

## Chemical Properties

HCC:N1

NRC/State Lic Num:NONE

Spec Gravity:1.5-2.5

Solubility in Water:APPRECIABLE (Appearance and Odor:GRANUALR,WET;REDDISH-GRAY;NO ODOR

## Stability

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:OXIDES OF SILICON.

## Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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