

R (TM) PROCESS GUM

MSDS Number

BRDJY

National Stock Number

3610-00-824-4360

Product Name

R (TM) PROCESS GUM

Manufacturer

MINNESOTA MINING AND MFG CO PRINTING AND PUB SYS DIV

Product Identification

Product ID:R (TM) PROCESS GUM

MSDS Date:08/30/1991

FSC:3610

NIIN:00-824-4360

MSDS Number: BRDJY

Responsible Party

MINNESOTA MINING & MFG CO PRINTING & PUB SYS DIV.

3M CENTER

ST. PAUL , MN 55144-1000

US

Emergency Phone: 612-733-5454

Info Phone: 612-733-5454

Cage: 76381

Contractor

MINNESOTA MINING AND MFG CO, DBA 3M

SAINT PAUL, MN 55144-1000

US

866-556 5712 / 612-733-1110

Cage: 76381

Ingredients

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 80-90%

MALTODEXTRIN

CAS: 9050-36-6

Fraction By Weight: 1-5%

N-PROPYL ALCOHOL

CAS: 71-23-8

RTECS: UH8225000

Fraction By Weight: 1-5%

OSHA PEL200 PPM/250 STEL

ACGIH TLV: S,200PPM/250STEL9293

MAGNESIUM NITRATE

CAS: 10377-60-3

RTECS: OM3750000

Fraction By Weight: 1-5%

CITRIC ACID, ANHYDROUS

CAS: 77-92-9

RTECS: GE7350000

Fraction By Weight: 1-5%

DODECYL SULFATE, SODIUM SALT

CAS: 151-21-3

RTECS: WT1050000

Fraction By Weight: 1-5%

FORMALDEHYDE (SARA III)

CAS: 50-00-0

RTECS: LP8925000

Fraction By Weight:

OSHA PELSEE 1910.1048

ACGIH TLV: C 0.3 PPM; A2; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITATION. MAY CAUSE DIGESTIVE SYSTEM IRRITATION. PROPYL ALCOHOL CAN CAUSE ABDOMINAL CRAMPS, NERVOUS SYSTEM IMPAIRMENT, DROWSINESS, HEADACHE, NAUSEA, VOMITING, WEAKNESS, DIARRHEA, CONVULSIONS, COLLAPSE AND UNCONSCIOUSNESS. DUE TO LOW CONCENTRATION OF PROPYL ALCOHOL THESE EFFECTS ARE NOT EXPECTED.

Explanation of Carcinogenicity:CONTAINS F [50-00-0] WHICH IS

LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE IRRITATION, DIGESTIVE SYSTEM IRRITATION, ABDOMINAL CRAMPS, NERVOUS SYSTEM IMPAIRMENT, DROWSINESS, HEADACHE, NAUSEA, VOMITING, WEAKNESS, DIARRHEA, CONVULSIONS, COLLAPSE, UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH WITH PLENTY OF WATER AND CONTACT A PHYSICIAN.

INHALATION: IF IRRITATION OR SYMPTOMS OCCUR, MOVE TO FRESH AIR.

INGESTION: DRINK TWO GLASSES OF MILK OR WATER AND CONTACT A PHYSICIAN OR POISON CONTROL CENTER.

Fire Fighting

Flash Point Method:TCC
Flash Point:140F,60C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:CARBON DIOXIDE
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE. FLUSH SPILL AREA WITH WATER TO REMOVE RESIDUE.
Neutralizing Agent:SODA ASH, SODIUM HYDROXIDE OR CALCIUM HYDROXIDE

Handling

Handling and Storage Precautions:AVOID EYE CONTACT. AVOID BREATHING VAPOR. USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT TAKE INTERNALLY.
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:NONE SPECIFIED BY MANUFACTURER.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
IN DUST FORM, THE ORGANIC SALT, INORGANIC SALT AND ORGANIC ACID CAN CAUSE RESPIRATORY SYSTEM IRRITATION AND NERVOUS SYSTEM IRRITATION,ASTHMA-LIKE SYMPTOMS, ACCUMULATION OF FLUID IN THE LUNGS, PREDISPO SITION TO RESPIRATORY INFECTION AND NEUROCHEMICAL CHANGES. DUE TO AQUEOUS NATURE OF THE PRODUCT, THESE EFFECTS NOT LIKLY

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:201F,94C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:< 17.5
Vapor Density:NOT GIVEN
Spec Gravity:1.022
pH:2.40-3
Viscosity:4.0 CSP
Evaporation Rate & Reference:1 (WATER = 1)
Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR STRAW LIQUID, MUCILAGE ODOR
Percent Volatiles by Volume:>90 %

Stability

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:SPARKS, HEAT, OPEN FLAMES
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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