

L-12862 DEVELOPMENTAL MATERIAL

MSDS Number

BVSWs

National Stock Number

6810-00F037016

Product Name

L-12862 DEVELOPMENTAL MATERIAL

Manufacturer

MINNESOTA MINING SPECIALTY CHEMICALS DIV

Product Identification

Product ID:L-12862 DEVELOPMENTAL MATERIAL

MSDS Date:12/29/1993

FSC:6810

NIIN:00F037016

MSDS Number: BVSWs

Responsible Party

MINNESOTA MINING/SPECIALTY CHEMICALS DIV

3M CTR

ST PAUL , MN 55144-1000

US

Emergency Phone: 612-733-1110

Info Phone: 612-733-1110

Cage: 28112

Contractor

MINNESOTA MINING AND MFG CO PERFORMANCE CHEM AND FLUIDS DIV

SAINT PAUL, MN 55144-1000

US

800-364-3577/651-737-6501

Cage: 28112

Ingredients

PERFLUORO COMPOUNDS, C5-18

CAS: 86508-42-1

Fraction By Weight: 88-92%

ISOCTANE,2,2,4-TRIMETHYL-PENTANE

CAS: 540-81-1

RTECS: SA3320000

Fraction By Weight: 9-11%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES/SKIN: MILD IRRITATION.

INHALATION: PROLONGED/REPEATED EXPOSURE MAY CAUSE CNS DEPRESSION.

INGESTION: ASPIRATION PNEUMONITIS, PNEUMONIA, WHICH CAN BE FATAL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure: IRRITATION, REDNESS, SWELLING, PAIN, TEARING, ITCHING, HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED SPEECH, GIDDINESS, UNCONSCIOUSNESS, COUGHING, DIFFICULTY BREATHING, WHEEZING, COUGHING UP BLOOD

First Aid

First Aid: EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER. SKIN: WASH AREA W/ SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point: NONE

Extinguishing Media: CO₂, DRY CHEMICAL, FOAM

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SCBA IN POSITIVE PRESSURE/IN PRESSURE DEMAND, BUNKER COAT & PANTS, BANDS AROUND ARMS, WAIST & LEGS, FACE MASK.

Accidental Release

Spill Release Procedures: VENTILATE AREA. COVER W/ ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. PLACE IN A US DOT APPROVED CONTAINER.

Handling

Handling and Storage Precautions: STORE AT ROOM TEMPERATURE. USE W/ ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME & SOURCES OF IGNITION.

Other Precautions: NO SMOKING WHILE HANDLING THIS MATERIAL. AVOID PROLONGED BREATHING OF VAPORS & EYE CONTACT.

Exposure Controls

Respiratory Protection: IF THERMAL DECOMPOSITION OCCURS, USE NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS & IAW/OSHA REGULATIONS: HALF-MASK SUPPLIED AIR RESPIRATOR, FULL-FACE SUPPLIED AIR RESPIRATOR

Ventilation: LOCAL EXHAUST W/ A MINIMUM CAPTURE VELOCITY OF 50 LINEAR FEET/MIN FOR APPLICATIONS AT/ > BOILING POINT. (SEE SUPP)

Protective Gloves: NOT REQUIRED AT ROOM TEMPERATURE

Eye Protection: SAFETY GLASSES W/ SIDE SHIELDS

Supplemental Safety and Health

VENTILATION CONT'D: IF INTERFERING AIR CURRENTS ARE PRESENT, MINIMUM CAPTURE VELOCITY SHOULD BE AT LEAST 100 LINEAR FEET PER MINUTE.

Chemical Properties

Boiling Pt: B.P. Text: 163.4F

Spec Gravity: 1.6

Solubility in Water: INSOLUBLE

Appearance and Odor: COLORLESS LIQUID W/ NO ODOR

Percent Volatiles by Volume: 100

Stability

Stability Indicator/Materials to Avoid: YES

FINELY DIVIDED ACTIVE METALS, ALKALI & ALKALINE EARTH METALS

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAME & OTHER IGNITION SOURCES

Hazardous Decomposition Products: CO, CO₂, HYDROGEN FLUORIDE & PERFLUOROISOBUTYLENE

Disposal

Waste Disposal Methods: INCINERATE IN AN INDUSTRIAL/COMMERCIAL FACILITY IN THE PRESENCE OF A COMBUSTIBLE MATERIAL IAW/LOCAL, STATE & FEDERAL REGULATIONS. DISPOSAL ALTERNATIVE: TO RECLAIM/RETURN, CONTACT YOUR 3M SALES REPRESENTATIVE.

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