View NSN Online: https://aerobasegroup.com/nsn/6810-00-949-0257

MG INDUSTRIES -- N-HEXANE -- 6810-00-949-0257
========== Product Identification ==========

Product ID:N-HEXANE
MSDS Date:11/13/1990
FSC:6810
NIIN:00-949-0257
MSDS Number: BMWJR
=== Responsible Party ===
Company Name:MG INDUSTRIES
Address:2460 BOULEVARD OF THE GENERALS
Box:945
City:VALLEY FORGE
State:PA
ZIP:19482
Country:US
Info Phone Num:800-424-9300, CHEMTREC
Emergency Phone Num:215-630-5422
CAGE:08772
==
= Contractor Identification ===
Company Name:MG INDUSTRIES
Address:3 GREAT VALLEY PKY
Box:City:MALVERN
State:PA
ZIP:19355-1424
Country:US
Phone:610-695-7400 / 610-695-7449
CAGE:08772

========== Composition/Information on Ingredients ==========

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

========== Hazards Identification ==========

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LD50 LC50 Mixture:LCLO: 120 GM/M3 INHALATION-MOUSE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- INHALATION: IRRITANT, NARCOTIC, NEUROTOXIN. SKIN: IRRITANT. EYES: IRRITANT. INGESTION: NARCOTIC. CHRONIC- REPEATED OR PROLONGED EXPOSURE MAY CAUSE POLYNEUROPATHY. MAY CAUSE DERMATITIS.
Effects of Overexposure:INHALATION: SLIGHT NAUSEA AND HEADACHE. VERTIGO, GIDDIN
ESS, INCOORDINATION, NUMBNESS OF THE LIMBS, ANOREXIA, TASTE OF GASOLINE, CONFUSION, AND LOSS OF CONSCIOUSNESS IN EXTREME CASES. SKIN: BLISTER FO RMATION, ITCHING, ERYTHEMA, PIGMENTATIONAND PAIN. EYE: REDNESS AND PAIN. INGESTION: HEADACHE, NAUSEA, VOMITING, ETC.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

========== First Aid Measures ==========

First Aid:INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. AD
MINISTER BREATHING SUPPORT MEASURES IF NEEDED. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDI ATELY. WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND LARGE AMOUNTS OF WATER. EYES: WASH IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE. INGESTION: INDUCE VOMITING. PREVENT ASPIRATION.

========== Fire Fighting Measures ==========

Flash Point Method:CC
Flash Point:-7F,-22C
Autoignition Temp:Autoignition
 Temp Text:437F
Lower Limits:1.1
Upper Limits:7.5
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM.
Fire Fighting Procedures:MOVE CONTAINER FROM AREA IF YOU CAN DO SO WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.
Unusual Fire/Explosion Hazard:STAY AWAY FROM ENDS OF TANKS. ISOLATE FOR 1/2 MILE IN ALL DIRECTIONS IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN FIRE. USE WATER IN FLOOD

ING AMOUNTS.

========== Accidental Release Measures ==========

Spill Release Procedures:SHUT OFF IGNITION SOURCES. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. DIKE L ARGE SPILLS. NO SMOKING, FLAMES OR FLARES.
Neutralizing Agent:NONE

========== Handling and Storage ==========

Handling and Storage Precautions:STORE IN CONTAINERS WHICH MEET THE BONDING AND GROUNDING GUIDELINES SPECFIED IN NFPA 77-1983, RECOMMENDED PRACTICE ON STATIC ELECTRICITY.
Other Precautions:VAPORS MAY BE EXPLOSIVE. AVOID OVERHEATING OF CONTAINERS. CONTAINERS MAY VIOLENTLY RUPTURE IN HEAT OF FIRE. AVOID CONTAMINATION OF WATER SOURECS.

========== Exposure Controls/Personal Protection ==========

Respiratory Protection:THE TYPE OF RESPIRATOR DEPENDS ON THE AMOUNT OF EXPOSURE. 1000 PPM: A SUPPLIED-AIR RESPIRATOR
. 2500 PPM: A SUPPLIED-AIR RESPIRATOR OPERATED IN THE CONTINUOUS FLOW MODE. 5000 PPM: A SELF-CONTAINED B REATHING APPARATUS WITH A FULL FACEPIECE
Ventilation:PROVIDE GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS. VENTILATION EQUIPMENT MUST BE EXPLOSION-PROOF.
Protective Gloves:IMPERVIOUS GLOVES RECOMMENDED
Eye Protection:SPLASH-PROOF OR DUST-RESISTANT GOGGLES
Other Protective Equipment:IMPERVIOUS CLOTHING, EYEWASH STATION AND SAFETY SHOWER.
Work Hygienic Pract
ices:WASH THOROUGHLY AFTER HANDLING THIS MATERIAL.
Supplemental Safety and Health
NONE

========== Physical/Chemical Properties ==========

HCC:F2
Boiling Pt:B.P. Text:156F,69C
Melt/Freeze Pt:M.P/F.P Text:-139F,-95C
Vapor Pres:124 MM HG
Vapor Density:3.0
Spec Gravity:0.6603
Viscosity:0.32 CPS
Evaporation Rate & Reference:15.8 (N-BUTYL ACETATE=1)
Solubility in Water:0.014% AT 20C
Appearance and Odor:CLEAR, COLORLESS MOBILE LIQUID WITH A MILD GASOLINE-LIKE ODOR.
Percent V

olatiles by Volume:100

========== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES
SODIUM AND CALCIUM HYPOCHLORITE, CHLORINE, DINITROGEN TETRAOXIDE, OXIDIZERS, OXYGEN, PLASTICS, RUBBER AND COATINGS.
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS AND OPEN FLAMES.
Hazardous Decomposition Products:TOXIC OXIDES OF CARBON.

========== Disposal Considerations ==========

Waste Disposal Methods:DISPOSAL MUST BE IN AC
CORDANCE WITH STANDARDS
APPLICABLE TO GENERATORS OF HAZARDOUS WASTE, 40 CFR 262. EPA HAZARDOUS WASTE NUMBER D001. 100 POUND CERCLA SECTION 103 REPORTABLE QUANTITY.

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