

DOWANOL DM GLYCOL ETHER

MSDS Number

BNBQG

National Stock Number

6850-00-089-5514

Product Name

DOWANOL DM GLYCOL ETHER

Manufacturer

DOW CHEMICAL U S A GOVERNMENT MARKETING

Product Identification

Product ID:DOWANOL DM GLYCOL ETHER

MSDS Date:02/01/1986

FSC:6850

NIIN:00-089-5514

MSDS Number: BNBQG

Responsible Party

DOW CHEMICAL U S A GOVERNMENT MARKETING

2020 DOW CENTER

MIDLAND , MI 48640-6030

US

Emergency Phone: 517-636-4400

Info Phone: 517-636-4400

Cage: 71981

Contractor

HAWAIIAN INDEPENDENT REFINERY, INC.

3379

HONOLULU, HI 96842

US

808-547-3111 OR 800-424-9300

Cage: 8P840

Ingredients

DIETHYLENE GLYCOL MONOMETHYL ETHER

CAS: 111-77-3

RTECS: KL6125000

Fraction By Weight: 100%

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >7000MG/KG

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

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

Health Hazards Acute and Chronic:PRODUCT IS MILDLY IRRITATING TO BODY TISSUES. IT IS ABSORBED THROUGH THE SKIN. TOXICITY IS LOW.

EXCESSIVE EXPOSURE MAY CAUSE LIVER, KIDNEY, OR TESTICULAR EFFECTS.

PRODUCT HAS PRODUCED ANIMAL FETAL T OXICITY BELOW THE LEVEL OF ACUTE TOXICITY.

Explanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.

Effects of Overexposure:E4YE: IRRITATION. SKIN: DRYING, POSSIBLE

IRRITATION. ABSORPTION FROM ACUTE EXPOSURE IS UNLIKELY TO RESULT IN THE ABSORPTION OF TOXIC QUANTITIES. INHALED: SINGLE EXPOSURE TO VAPORS IS NOT LIKELY TO BE HAZARDOUS. INGESTED: LOW TOXICITY, TOXIC AMOUNT UNLIKELY TO BE INGESTED DURING INDUSTRIAL HANDLING. Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED:IMMEDIATELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

Fire Fighting

Flash Point Method:TCC
Flash Point:192F,89C
Lower Limits:1.38
Upper Limits:22.7
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, ALCOHOL FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Accidental Release

Spill Release Procedures:SOAK UP WITH ABSORBENT MATERIALS, REMOVE WITH RUBBER SHOVEL, COLLECT FOR DISPOSAL.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:NO INFORMATION GIVEN ON MSDS BY SUPPLIER
Other Precautions:T5RACE QUANTITIES OF ETHYLENE OXIDE MAY BE PRESENT IN THIS PRODUCT. THESE ARE NOT EXPECTED TO RESULT IN EO CONCENTRATIONS GREATER THAN 0.5 PPM IN THE BREATHING ZONE OF THE WORKER.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:GENERAL ROOM VENTILATION IS NORMALLY ADEQUATE. USE LOCAL EXHAUST IF NECESSARY TO CONTROL EXPOSURE BELOW PEL/TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:V4
Boiling Pt:B.P. Text:381F,194C
Vapor Pres:0.25 MM
Vapor Density:4.16
Spec Gravity:1.021
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID, MILD SMELLING

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Hazardous Decomposition Products:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Disposal

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY INCINERATION.

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