

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-169/16958-92-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

16958-92-2

Code:

M

RTECS:

Code:

X

Name:

DIBASIC ACID ESTER BLEND (INGREDIENTS 1 AND 2 TOT

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH/MSHA APPROVED AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES OR AN ATMOSPHERE-SUPPLYING RESPIRATOR IF REQUIRED. PROTECTION IS NOT REQUIRED UNDER NORMAL USE CONDITIONS. 5

Ventilation:

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE. MECHANICAL EXHAUST RECOMMENDED IF USED IN ENCLOSED AREA.

Protective Gloves:

CHEMICAL RESISTANT GLOVES (NITRILE BEST)

Eye Protection:

WEAR CHEMICAL SAFETY GOGGLES

Other Protective Equipment:

Equipment WEAR PROTECTIVE CLOTHING, APRON AND BOOTS AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:

MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health:

THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING SURFACE WATERS OR ANY WATER COURSES OR SEWERS ENTERING/LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. 800-424-8602

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT) IS > 15 G/KG ESTIMATED

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SLIGHT SKIN IRRITATION. ASPIRATION MAY LEAD TO CHEMICAL PNEUMONIA

Explanation Of Carcinogenicity:

IARC HAS DETERMINED THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF USED MOTOR OIL.

Signs And Symptoms Of Overexposure:

GENERALLY CONSIDERED MINIMALLY IRRITATING TO THE EYES AND MILDLY IRRITATING TO THE SKIN. PROLONGED AND REPEATED CONTACT MAY RESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION OF VAPOR OR OIL MIST MAYCAUSE MILD UPPER RESPIRATORY TRACT IRRITATION. SLIGHTLY TOXIC IF SWALLOWED.

Medical Cond Aggravated By Exposure:

PREEEXISTING SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid:

SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: MAY ACT AS A LAXATIVE. DO NOT INDUCE VOMITING. RELATIVELY NON-TOXIC UNLESS ASPIRATED.

Spill Release Procedures:

CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES, REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, ETC.

Neutralizing Agent:

4 NOT APPLICABLE

Waste Disposal Methods:

WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RECYCLE IF POSSIBLE.

Handling And Storage Precautions:

DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME, OR OXIDIZING MATERIALS. COMBUSTIBLE LIQUID.

Other Precautions:

MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES THAT CAN NOT BE DECONTAMINATED.

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:

Flash Point Text:

>425F, >218C

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

0.6 %

Upper Limits:

7.0 %

Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, 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:

MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. WATER MAY CAUSE FROTHING. PREVENT RUNOFF FROM ENTERING STREAMS OR WATERWAYS

Physical/Chemical Properties

HCC:

V6

NRC/State LC No:

N/R

Net Prop WT For Ammo:

NO

Boiling Point:

NO

B.P. Text:

>600F, >316C

Melt/Freeze Pt:

NO

M.P/F.P Text:

NOT GIVEN

Decomp Temp:

NO

Decomp Text:

NO

Vapor Pres:

< 1

Vapor Density:

NOT GIVEN

Volatile Org Content %:

N/K

Spec Gravity:

0.85

VOC Pounds/Gallon:

6

pH:

N/K

VOC Grams/Liter:

NO

Viscosity:

N/P

Evaporation Rate & Reference:

NOT GIVEN

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

STRAW COLORED LIQUID, MILD ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Materials To Avoid:

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:

CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE. WILL NOT OCCUR.

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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