

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-178/17831-71-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
17831-71-9

Code:
M

RTECS:
AS8100000

Code:
F

Name:
TETRA (ETHYLENE GLYCOL) DIACRYLATE (TREGDA) (MAY

Other REC Limits:
N/K (FP N)

OSHA PEL:
N/K (FP N)

Code:
M

OSHA STEL:
N/K (FP N)

Code:
M

ACGIH TLV:
N/K (FP N)

Code:
M

ACGIHSTEL:
N/K (FP N)

Code:
M

Control Measures

Respiratory Protection:
USE EXHAUST VENTILATION OR WEAR RESPIRATORS WHICH ARE APPROVED BY NIOSH, EC CEN, OR OTHER COMPARABLE CERTIFICATION ORGANIZATIONS.

Ventilation:
USE EXHAUST VENTILATION.

Protective Gloves:
CHEMICAL-RESISTANT GLOVES SHOULD BE WORN.

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N). 11

Other Protective Equipment:
Equipment NOT REQUIRED. LAB COAT OR EQUIVALENT RECOMMENDED. ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER (FP N).

Work Hygienic Practices:
AVOID ALL CONTACT. CAREFUL PERSONAL HYGIENE IS A NECESSITY.

Supplemental Safety and Health:
FIRST AID PROC: TREATMENT IS CONTROLLED REMOVAL OF EXPOS W/SYMPTOMATIC & SUPPORTIVE CARE. PHYSICAL/CHEM PROPERTIES: FOR LIQ COMPONENTS: BP: ABOUT 100C/212F; MP: N/A; VP/VAP DENS/SPEC GRAV: N/K; PH: N/ A; EVAP RATE: AS WATER; SOL IN WATER: AQUEOUS SOLN; % VOLATS: 50-95% WATER; MOLECULAR WT: N/A; (OTHER INFO)

Health Hazards Data

LD50LC50Mixture:
SEE TOXICOLOGICAL INFORMATION.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
POTENTIAL HLTH EFTS: CARCIN - ACRYLAMIDE IS A PROBABLE HUMAN CARCIN & A HUMAN NEUROTOXIN. ANOTHER MINOR COMPONENT HAS BEEN SHOWN TO CAUSE CANCER IN LAB ANIMALS & IS ALSO NEUROTOXIC. MAY BE IRRITATING TO EYES, SKIN & RESP TRACT. EXPOS TO FORMALDEHYDE MAY PRDCE ALLERGIC RESP EFTS IN SENSITIZED INDIVIDUALS, INCL ASTHMA, COUGHING, WHEEZING, SHORTNESS OF BREATH. FORMALDEHYDE IS ALSO CONSIDERED A PROBABLE HUMAN CARCIN. APS IS MODERATELY TOX BY INGEST & MAY BE IRRITATING TO EYES, SKIN, THROAT &

Explanation Of Carcinogenicity:
ACRYLAMIDE: IARC MONO, SUPP, VOL 7, PG 56, 1998: GRP 2B. NTP 8TH ANNUAL RPT ON CARCINS, 1998: REASONABLY ANTIC TO BE ANIMAL CARCIN. ANIMAL: CNS TOXIN, NEOPLASMS. FORMALDEHYDE: IARC MONO, SUPP, VOL 62, PG 217, 1995: GRP 2A. NTP 8TH ANNUAL RPT ON CARCINS, 1998: REASONABLY ANTIC TO BE ANIMAL CARCIN. OSHA REGULATED: CFR 29 1910.1048. ANIMAL: NASAL TUMORS.

Signs And Symptoms Of Overexposure:
SEE HLTH HAZS. --SARA REGS: & ARE IRRITATING TO SKIN, EYES & RESP TRACT. FORMALDEHYDE CAUSES IRRIT TO EYES, NOSE, THROAT & RESP TRACT AT LOW CONCS (<1 PPM). DFCLTY IN BRTHG MAY OCCUR AT 10-20 PPM, W/S ERIOUS INJURY TO RESP TRACT AT 50 PPM. EXPOS TO FORMALDEHYDE MAY PRDCE ALLERGIC RESP EFTS, INCL ASTHMA, IN SENSITIZED INDIVIDUALS. DIETHYLENE GLYCOL DIACRYLATE IS CORR TO EYES (CAUSES SEV CORNEAL DMG) & SKIN, & HAS BEEN REPORTED TO BE A SKIN SENSITIZER. TETRAETHYLENE GLYCOL DIACRYLATE IS MOD

Medical Cond Aggravated By Exposure:
N/P

First Aid:
EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. IF IRRIT OCCURS & PERSISTS, CONT MD. SKIN: REMOVE CONTAM CLTHG & SHOES, & THORO WASH W/SOAP & WATER. IF IRRIT OCCURS & PERSISTS, CONT MD. INHAL: REMOVE TO FRE SH AIR. IF BRTHG DFCLTY/DISCOMFORT OCCURS & PERSISTS, CONT MD. INGEST: DRINK 1-2 GLASSES OF WATER & INDUCE VOMIT BY TOUCHING BACK OF THROAT W/FINGER OR BY GIVING SYRUP OF IPECAC. NEVER INDUCE VOMIT/GI VE ANYTHING BY MOUTH TO AN UNCON PERS. CONT MD. NOTES TO MD: SINGEL MAY PRDCE EYE, SKIN & R

Spill Release Procedures:
ABSORB ON ABSORBENT MATERIAL AND PLACE INTO CLOSED CONTAINERS FOR LATER DISPOSAL. FLUSH AREA WITH WATER. MATERIAL SUBLIMES; THEREFORE, CLEAN UP SPILLS BEFORE THEY DRY. FOR PERSONAL PRECAUTIONS SEE CON TROL MEASURES SECTION.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE/PROVINCIAL, AND FEDERAL/NATIONAL REGULATIONS.

Handling And Storage Precautions:
STORE IN A COOL (UNDER OR EQUAL TO 25C) DRY AREA AWAY FROM COMBUSTIBLES. 10

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM, OR WATER SPRAY.

Fire Fighting Procedures:
WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
ONE OF THE COMPONENTS CONTAINS A STRONG OXIDIZER. CONTACT WITH COMBUSTIBLE MATERIALS, FLAMMABLE MATERIALS, OR POWDERED METALS CAN CAUSE FIRE OR EXPLOSION. BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE, AMMONIA, NITROUS OXIDES, SULFUR OXIDES, AND SULFURIC ACID.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
SUP DAT

Melt/Freeze Pt:

M.P./F.P Text:
SUP DAT

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
SUP DAT

Vapor Density:
SUP DAT

Volatile Org Content %:

Spec Gravity:
SUP DAT

VOC Pounds/Gallon:

PH: SUP DAT

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SUP DAT

Solubility in Water:
SUP DAT

Appearance and Odor:
SUP DAT

Percent Volatiles by Volume:
SUP DAT

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
12 YES

Stability Condition To Avoid:
POWDERED COMPONENTS MAY DECOMPOSE ON EXPOSURE TO MOIST AIR OR WATER.

Materials To Avoid:
AVOID STRONG REDUCING AGENTS, ORGANIC MATERIALS, FINELY POWDERED METALS.

Hazardous Decomposition Products:
UNDER FIRE IT CAN RELEASE TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, AND NITROGEN OXIDES.

Hazardous Polymerization Indicator:
YES

Conditions To Avoid Polymerization:
LIQ COMPONENT CAN UNDERGO POLYM IF EXPOSED TO HEAT/ULTRAVIOLET LIGHT. IF POLYM OCCURS IN CLSD CONTR, SUFFICIENT (OTHER INFO)

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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WARRANTY
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