

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-742-7420-89-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7420-89-5

Code:

M

RTECS:

Code:

X

Name:

GLUTARALDEHYDE BIS(SODIUM BISULFITE)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

2

Control Measures

Respiratory Protection:

NONE SHOULD BE NEEDED.

Ventilation:

GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS

Protective Gloves:

NATURAL RUBBER, PVC, LATEX

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:

Equipment EYE BATH, SAFETY SHOWER, WASHING FACILITIES

Work Hygienic Practices:

OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health:

ECOLOGICAL INFORMATION: A MODERATE BIOCHEMICAL OXYGEN DEMAND, A HIGH POTENTIAL TO AFFECT SOME AQUATIC ORGANISMS. AFTER DILUTION WITH LARGE AMOUNT OF WATER, FOLLOWED BY WASTE TREATMENT, IT IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECT.

Health Hazards Data

LD50/LC50/Mixture:

LD50 (ORAL, RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN, GASTROINTESTINAL TRACT. ACUTE- CAUSES EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. EXPECTED TO BE A LOW HAZARD BY INHALATION. HARMFUL IF SWALLOWED. MAY CAUSE GASTROINTESTINAL TRACT IRRITATION. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, ALLERGIC SKIN REACTIONS, NAUSEA, VOMITING

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: IMMEDIATELY WASH WITH SOAP & PLENTY OF WATER. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED: MOVE TO FRESH AIR. ORAL: IF CONSCIOUS, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:

FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, ABSORB SPILL WITH VERMICULITE. PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:

SODIUM BISULFATE, ACETIC ACID

Waste Disposal Methods:

DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL REGULATIONS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER, IF ALLOWED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

Handling And Storage Precautions:

KEEP CONTAINER TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN. USE WITH ADEQUATE VENTILATION.

Other Precautions:

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. THE ROUTINE USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACES WILL MINIMIZE SKIN REACTION.

Fire and Explosion Hazard Information

Flash Point Method:

N/P 3

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

N/R

Lower Limits:

NOT RELEVANT

Upper Limits:

NOT RELEVANT

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:

B3

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:

NONE

Boiling Point:

N/R

B.P. Text:

>212F,>100C

Melt/Freeze Pt:

N/R

M.P./F.P Text:

UNKNOWN

Decomp Temp:

N/R

Decomp Text:

UNKNOWN 4

Vapor Pres:

18 @ 68F

18 @ 68F:

18 @ 68F

Volatile Org Content %:

0.6

Spec Gravity:

1.078 - 1.098

VOC Pounds/Gallon:

NONE

PH:

10.35

VOC Grams/Liter:

NONE

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

COMPLETE

Appearance and Odor:

LIGHT YELLOW LIQUID - SLIGHT ODOR

Percent Volatiles by Volume:

85-90

Corrosion Rate:

NO

Reactivity:

NOT RELEVANT

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

Other Information:

N/P