

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-801/8011-48-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
8011-48-1
Code:
M

RTECS:
WW7530000
Code:
M

Name:
TAR, PINE; (PINE TAR)

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)
Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
IF VAPOR, MIST OR DUST IS GENERATED IN EXCESS OF PERMISSIBLE CONCENTRATIONS, USE RESPIRATOR APPROVED BY NIOSH/MSHA.

Ventilation:
ADEQUATE TO MEET COMPONENT PERMISSIBLE CONCENTRATIONS.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPRVD CHEM TYPE GOGG &FSHLD (FPN)

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
3 EXERCISE REASONABLE PERSONAL CLEANLINESS; INCL CLEANSING EXPOS SKIN AREAS SEVERAL TIMES DAILY W/SOAP &WATER &(SUPDAT)

Supplemental Safety and Health:
FIRE FIGHT PROC:USE WATER SPRAY TO DISPERSE VAP & TO PROVIDE PROT FOR PERSONS ATTEMPTING TO S LEAK. WASTE DISP METH:MATL HAZ. PROD HAS BEEN EVALUATED FOR RCRA CHARACT & DOES NOT MEET CRITERIA FOR HAZ WASTE IF DISCARDED IN PURCHASED FORM. HYGIENE PRACT:LAUNDERING SOILED WORK CLTHG AT LEAST WEEKLY.

Health Hazards Data

LD50LC50Mixture:
LD50:(ORAL, RAT) BELIEVED TO BE > 5 G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: EYES:BELIEVED TO BE MINIMALLY IRRITATING. SKIN:BELIEVED TO BE MINIMALLY IRRITATING. INHALATION:VAPORS OR MIST IN EXCESS OF PERMISSIBLE CONCENTRATIONS MAY CAUSE IRRITATION (NOSE/THROAT), HEADACH E, NAUSEA AND DROWSINESS. CHRONIC: NOT DETERMINED.

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptoms Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INGESTION: CALL MD IMMEDIATELY (FP N). SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD (FP N). EYES: AS WITH MOST FOREIGN MATERIALS, SHOULD EYE CONTACT OCCUR, FLUSH EYES WITH PLENTY OF WATER FOR AT LE AST 15 MINUTES. INHALATION: IF IRRITATION OR DROWSINESS OCCURS, REMOVE TO FRESH AIR.

Spill Release Procedures:
CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP. TRANSPORTATION SPILLS CALL CHEMTREC (800-424-9300).

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER. 2

Waste Disposal Methods:
DISP MUST BE I/A/W FED, STATE & LOCAL REGS (FP N). UNDER RCRA, IT IS RESPONSIBILITY OF USER OF PROD TO DETERM, @ TIME OF DISP, IF PROD MEETS RCRA CRITERIA FOR HAZ WASTE BECUASE PROD USE, TRANSFORMATIO NS, MIX, PROCESSES, ETC. MAY RENDER RSLTG (SUPDAT)

Handling And Storage Precautions:
MINIMUM FEASIBLE HANDLING TEMP SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPS SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
400F,204C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
ACCORDING TO NFPA GUIDE, USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:
USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP(FP N). WATER/FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE-EXPOS CNTNRS. IF LEAK/SPILL HAS NOT IGNITED, (SUPDAT)

Unusual Fire/Explosion Hazard:
NONE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
N/K

Appearance and Odor:
BLACK VISCOUS LIQUID.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
STRONG OXIDIZERS.

Hazardous Decomposition Products:
WHEN SUBJECTED TO HEAT OR COMBUSTION:CARBON MONOXIDE, CARBON DIOXIDE AND ALDEHYDES AND KETONES MAY BE FORMED.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
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

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WARRANTY
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