

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

ACGIH STEL:

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

LD50/LC50/Mixture:

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), HEADACHE, 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 LEAST 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 BECAUSE PROD USE, TRANSFORMATI ONS, 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:

N/A

Flash Point Text:

400F,204C

Autoignition Temp:

N/A

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.

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:

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Physical/Chemical Properties

HCC:**NRC/State Lic No:****Net Prop WT For Ammo:**

N/A

Boling Point:

N/A

B.P. Text:

N/K

Melt/Freeze Pt:

N/A

M.P./F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Density:

N/K

Corrosion Rate:

N/K

Neutralizing Agent:

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Reactivity Data

Stability Indicator:

YES

None Specified By Manufacturer:

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.

Health Hazards Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

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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