

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-180/1809-14-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1809-14-9

Code:
M

RTECS:

Code:
X

Name:
ALKYL PHOSPHITE

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:

OSHA STEL:

N/P

Code:

ACGIH TLV:

N/P

Code:

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

UNDER NORMAL CONDITIONS, RESPIRATOR IS NOT NORMALLY REQUIRED. IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED USE NIOSH-APPROVED DISPOSABLE DUST/MIST MASK BREATHING APPARATUS FOR ENTRY INTO CONFINED SPACE IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:

USE IN WELL VENTILATED AREA. ADDITIONAL AREA VENTILATION OR LOCAL EXHAUST MAY BE REQUIRED TO MAINTAIN EXPOSURE LIMITS.

Protective Gloves:

RESISTANT GLOVES (NEOPRENE OR NITRILE)

Eye Protection:

CHEMICAL GOGGLES OR FACE SHIELD

Other Protective Equipment:

Equipment WEAR IMPERVIOUS CLOTHING AND BOOTS

Work Hygienic Practices:

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

AUTOMATIC TRANSMISSION FLUID WITH INTERNAL PART NO.: 406348(12X1 QT); 06308(5 GL); 06309 (16 GL); 06310 (55 GL); 06319 (BULK).

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

YE: NO SIGNIFICANT EYE IRRITATION CAN BE EXPECTED FROM CONTACT WITH THIS PRODUCT. IF IRRITATION SHOULD OCCUR, IT IS EXPECTED TO BE TRANSIENT. SKIN: NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN DISORDERS. CONTACT WITH CLOTHING WET WITH PRODUCT MAY CAUSE DERMITITIS. SYMPTOMS MAY INCLUDE REDNESS, EDEMA, DRYING, DEFATTING AND CRACKING OF THE SKIN. INGESTION: SWALLOWING MAY CAUSE STOMACH CRAMPS AND DIARRHEA. INHALATION: REMOVE EXPOSED PERSON TO FRE

Explanation Of Carcinogenicity:

NONE OF THIS PRODUCT'S COMPONENTS ARE LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA.

Signs And Symptoms Of Overexposure:

YE: NO SIGNIFICANT EYE IRRITATION CAN BE EXPECTED FROM CONTACT WITH THIS PRODUCT. IF IRRITATION SHOULD OCCUR, IT IS EXPECTED TO BE TRANSIENT. SKIN: NOT EXPECTED TO BE A PRIMARY SKIN IRRITANT. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN DISORDERS. CONTACT WITH CLOTHING WET WITH PRODUCT MAY CAUSE DERMITITIS. SYMPTOMS MAY INCLUDE REDNESS, EDEMA, DRYING, DEFATTING AND CRACKING OF THE SKIN. INGESTION: SWALLOWING MAY CAUSE STOMACH CRAMPS AND DIARRHEA. INHALATION: REMOVE EXPOSED PERSON TO FRE

Medical Cond Aggravated By Exposure:

PERSONS WITH SKIN OR OTHER RESPIRATORY CONDITIONS MAY BE MORE SENSITIVE TO PRODUCT.

First Aid:

4 EYE: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF EYE IRRITATION DEVELOPS/ PERSISTS. SKIN: WASH AREA WITH MILD SOAP& WATER. IMMEDIATELY TAKE OFF ALL CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF SKIN DISORDER DEVELOPS. LAUNDER CONTAMINATED CLOTHING BEFORE RESUE. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DILUTE CONTENTS OF STOMACH. CALL LOCAL POISON CONTROL CENTER OR GET MEDICAL ATTENTION. INHALATION: REMOVE EXPOSED PERSON TO FRE

Spill Release Procedures:

S THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. DIKE SPILLED MATERIAL, WHERE THIS IS POSSIBLE. ABSORB LIQUID ON TO VERMICULITE OR OTHER ABSORBENT. FOR LARGE SPILLS SPILL AT THE SOURCE. PUMP OR VACUUM TRANSFER SPILLED PRODUCT TO CLEAN CONTAINERS FOR RECOVERY, RECYCLE AND OR USE. USE PERSONAL PROTECTIVE EQUIPMENT. VENTILATE SPILL AREA. PREVENT ENTRY INTO SEWERS AND WATERWAYS.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE OR PROVINCIAL, AND LOCAL REGULATIONS.

Handling And Storage Precautions:

KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION. OPEN CONTAINER IN A WELL VENTILATED AREA. AVOID BREATHING VAPORS. USE A NIOSH-APPROVED RESPIRATOR IF EXPOSED TO OIL MIST, AND ADEQUATE VENTILATION IS NOT AVAILABLE. WASH THOROUGHLY AFTER HANDLING. ELIMINATE ALL SOURCES OF IGNITION.

Other Precautions:

KEEP THIS MATERIAL IN A COOL, WELL-VENTILATED PLACE.

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:

=176.7C, 350.F

Flash Point Text:

N/A

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

USE ANY MEDIA SUITABLE FOR FIRE EXCLUDING WATER. REGULAR FOAM, CARBON DIOXIDE, OR DRY CHEMICAL ARE PREFERRED. 5

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES. WATER OR FOAM MAY CAUSE FROTHING, WHICH CAN BE VIOLENT.

Unusual Fire/ Explosion Hazard:

KEEP AWAY FROM ALL SOURCES OF IGNITION. PRODUCT, OR EVEN RESIDUE CAN BE HEAVIER THAN AIR AND MAY TRAVEL ALONG SOURCE. TOXIC FUMES, GASES OR VAPORS MAY EVOLVE ON BURNING. VAPORS MAY BE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND. FROM A DISTANT IGNITION SOURCE OR FLASH BACK. CONTAINER MAY RUPTURE ON HEATING.

Physical/Chemical Properties

HCC:

V6

NRC/State LC No:

N/P

Net Prop WT For Ammo:

N/P

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt:

N/A

M.P./F.P Text:

N/A

Decomp Temp:

N/P

Decomp Text:

N/P

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

87.88

VOC Pounds/Gallon:

.87-.88

PH:

N/A

VOC Grams/Liter:

N/P

Viscosity:

37.57 CST@40C

Evaporation Rate & Reference:

N/A

Other Precautions:

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Toxicological Information

Flash Point Method:

COC

Flash Point:

=176.7C, 350.F

Flash Point Text:

N/A

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

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Regulatory Information

SDS 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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