

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-101/10196-04-0.htm> for suppliers of this product.

Composition/Information on Ingredient

Cas:

10196-04-0

Code:

M

RTECS:

WT3505000

Code:

M

Name:

AMMONIUM SULFITE

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED.

Ventilation:

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

Protective Gloves:

IMPERVIOUS GLOVE SHOULD BE WORN.

Eye Protection:

SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:

Equipment PROVIDE EYE WASH STATION, SAFETY SHOWER, AND WASHING FACILITIES AS NECESSARY TO PREVENT PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:

WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

THIS ENTRY IS FOR UNIT OF ISSUE OF 1 GALLON OF CONCENTRATE. SEE, THIS SAME NSN, P/N IND W FOR WORKING SOLUTION DATA. ONE GALLON OF CONCENTRATE MAKES 5 GALLONS OF WORKING SOLUTION.

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50 (RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation Of Carcinogenicity:

PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Signs And Symptoms Of Overexposure:

EYES: IRRITATION. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS OCCUR, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. IF SYMPTOMS OCCUR, GET MEDICAL ATTENTION. INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. INGESTION: DRINK 1-2 GLASSES OF WATER. GET MEDICAL ATTENTION.

Spill Release Procedures:

4 FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IF NOT RESTRICTED, FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

Handling And Storage Precautions:

KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES. KEEP FROM CONTACT WITH OXIDIZING MATERIALS.

Other Precautions:

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/A

Flash Point Text:

NONE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

NONCOMBUSTIBLE LIQUID. USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:

CONTACT WITH BASE LIBERATES FLAMMABLE MATERIAL. CONTACT WITH OXIDIZING MATERIALS MAY CAUSE FIRE AND EXPLOSION.

Physical/Chemical Properties

HCC:

N1

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

212F,100C

Melt/Freeze Pt:

N/A

M.P/F.P Text:

UNKNOWN

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Pres:

18 MMHG

Vapor Density:

0.66

Volatile Org Content %:

N/A

Spec Gravity:

1.35

VOC Pounds/Gallon:

N/A

PH:

6.2

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

COMPLETE

Appearance and Odor:

LIGHT YELLOW LIQUID. ODORLESS.

Percent Volatiles by Volume:

35-40

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXCESSIVE HEAT.

Materials To Avoid:

STRONG OXIDIZING AGENTS, BASES, SODIUM HYPOCHLORITE (BLEACH). CONTACT WITH BASE LIBERATES FLAMMABLE MATERIAL.

Hazardous Decomposition Products:

AMMONIA, SULFUR DIOXIDE, NITROGEN OXIDES, CHLORAMINE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

Toxicological Information

Information:

N/P

MSDS/Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

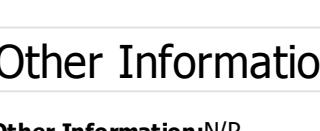
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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