

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7783-20-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7783-20-2

Code:

M

RTECS:

BS4500000

Code:

M

Name:

AMMONIUM SULFATE (SARA III)

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:

Control Measures

Respiratory Protection:

IF REGULATORY LIMITS EXCEEDED; USE NIOSH/MSHA APPROVED RESPIRATOR WITH DUST CARTIDGE. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:

USE WITH ADEQUATE MECHANICAL/LOCAL VENTILATION.

Protective Gloves:

WORK GLOVES

Eye Protection:

CHEMICAL GOGGLES

Other Protective Equipment:

Equipment EYE WASH AND RUBBER BOOTS.

Work Hygienic Practices:

WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE. 4

Supplemental Safety and Health:

PER SPEC A-A-393A, A PROPELLANT WILL BE USED TO EXPEL THE EXTINGUISHING AGENT (DRY CHEMICALS).

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:

ACUTE: MAY IRRITATE NOSE, THROAT, SKIN AND EYES. CHRONIC: NONE LISTED.

Explanation Of Carcinogenicity:

NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED SA A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALED: COUGHING, WHEEZING, SNEEZING, CHEST DISCOMFORT. EYES:REDNESS, TEARING, DISCOMFORT. SKIN: RASH, ITCHING. INGESTION: ABDOMINAL PAIN, NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure:

RESPIRATORY DISEASE INCLUDING ASTHMA AND EMPHYSEMA.

First Aid:

FIRST AID-INHALATION OF DUST, REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN AS NEEDED. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. IF REDNESS OR IRRITATION PERSIST CONTACT A DOCTOR. SKIN:WASH WITH SOAP AND WATER. INGESTION: DRINK 1-2 GLASSES OF WATER, GET MEDICAL HELP IMMEDIATELY. DO NOT INDUCE VOMITING.

Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION, SWEEP UP INTO DOT APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS AND WATERWAYS.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER. 3

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY AREA AWAY FROM ALKALINE MATERIALS. KEEP BAGS/DRUMS DRY. AVOID UNNECESSARY DUSTINESS.

Other Precautions:

DO NOT CROSS CONTAMINATE WITH OTHER EXTINGUISHING AGENTS. DO NOT CREATE DUST.

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:

MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR.

Unusual Fire/Explosion Hazard:

PRODUCT IS USED AS FIRE EXTINGUISHER.

Physical/Chemical Properties

HCC:

G3

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

N/R

Melt/Freeze Pt:

N/A

M.P./F.P. Text:

N/R

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Press:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/A

P.H:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

NEGIGIBLE

Appearance and Odor:

WHITE YELLOW POWDER, ODORLESS.

Percent Volatiles by Volume:

N/R

Corrosion Rate:

UNKNOWN

Vapor Press:

N/R

Vapor Density:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

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