

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7783-28-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7783-28-0

Code:
T

RTECS:

Code:
X

Name:
AMMONIUM PHOSPHATE DIBASIC % low Wt: 98. Code: M

Other REC Limits:
N/P

OSHA PEL:
N/P

Code:

OSHA STEL:
N/P

Code:

ACGIH TLV:
N/P

Code:

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
(NIOSH APPROVED): FOR CONDITIONS OF USE WHERE EXPOSURE TO THE DUST OR MIST IS APPARENT, A HALF-FACE DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A FULL-FACE POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. WARNING: AIR-PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES.

Ventilation:
IN GENERAL, DILUTION VENTILATION IS A SATISFACTORY HEALTH HAZARD CONTROL FOR THIS SUBSTANCE. (SEE SUPPLEMENTAL)

Protective Gloves:
WEAR IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT

Eye Protection:
USE CHEMICAL SAFETY GOGGLES FULL FACE SHIELD

Other Protective Equipment:
Equipment WEAR IMPERVIOUS PROTECTIVE CLOTHING, INCLUDING BOOTS, LAB COAT, APRON OR COVERALLS, AS APPROPRIATE, TO PREVENT SKIN CONTACT. MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA.

Work Hygienic Practices:
N/P 3

Supplemental Safety and Health:
HOWEVER, IF CONDITIONS OF USE CREATE DISCOMFORT FOR THE WORKER, A LOCAL EXHAUST SYSTEM SHOULD BE CONSIDERED.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
WARNING! CAUSES IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED OR INHALED. INHALATION: CAUSES IRRITATION TO THE RESPIRATORY TRACT. SYMPTOMS MAY INCLUDE COUGHING, SHORTNESS OF BREATH. INGESTION: CAUSES IRRITATION TO THE GASTROINTESTINAL TRACT. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING AND DIARRHEA. SKIN CONTACT: CAUSES IRRITATION TO SKIN. SYMPTOMS INCLUDE REDNESS, ITCHING, AND PAIN. EYE CONTACT: CAUSES IRRITATION, REDNESS, AND PAIN. CHRONIC EXPOSURE: NO INFORMATION FOUND

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
INHALATION: CAUSES IRRITATION TO THE RESPIRATORY TRACT. SYMPTOMS MAY INCLUDE COUGHING, SHORTNESS OF BREATH. INGESTION: CAUSES IRRITATION TO THE GASTROINTESTINAL TRACT. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING AND DIARRHEA. SKIN CONTACT: CAUSES IRRITATION TO SKIN. SYMPTOMS INCLUDE REDNESS, ITCHING, AND PAIN. EYE CONTACT: CAUSES IRRITATION, REDNESS, AND PAIN. CHRONIC EXPOSURE: NO INFORMATION FOUND.

Medical Cond Aggravated By Exposure:
NO INFORMATION FOUND.

First Aid:
INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING & SHOES. GET MEDICAL ATTENTION. WASH CLOTHING & THOROUGHLY CLEAN SHOES BEFORE REUSE. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

Spill Release Procedures:
VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. SWEEP UP AND CONTAINERIZE FOR RECLAMATION OR DISPOSAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL. SMALL AMOUNTS OF RESIDUE MAY BE FLUSHED TO SEWER WITH PLENTY OF WATER.

Neutralizing Agent:
N/P

Waste Disposal Methods:
WHATEVER CANNOT BE SAVED FOR RECOVERY/RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE & APPROVED WASTE DISPOSAL FACILITY. STATE & LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINER & UNUSED CONTENTS I/A/W FEDERAL, STATE & LOCAL REQUIREMENTS. 2

Handling And Storage Precautions:
KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:
CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY SINCE THEY RETAIN PRODUCT RESIDUES (DUST, SOLIDS); OBSERVE ALL WARNINGS AND PRECAUTIONS LISTED FOR THE PRODUCT.

Fire and Explosion Hazard Information

Flash Point Method:

Flash Point:

Flash Point Text:
N/P

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:

Upper Limits:

Extinguishing Media:
USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:
USE PROTECTIVE CLOTHING AND BREATHING EQUIPMENT APPROPRIATE FOR THE SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:
NOT CONSIDERED TO BE A FIRE HAZARD. NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT APPLICABLE

Melt/Freeze Pt:
=155.C, 311.F

M.P/F.P Text:
DECOMPOSES

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
N/P

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
1.62

VOC Pounds/Gallon:

PH: CA. 8.0

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
1G/1.7ML WATER.

Appearance and Odor:
WHITE CRYSTALS; ODORLESS.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE. GRADUALLY LOSES ABOUT 8% AMMONIA ON EXPOSURE TO AIR. INCOMPATIBLES.

Materials To Avoid:
SODIUM HYPOCHLORITE.

Hazardous Decomposition Products:
BURNING MAY PRODUCE AMMONIA AND OXIDES OF PHOSPHORUS.

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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WARRANTY

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