

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-777/7775-19-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7775-19-1

Code:

M

RTECS:

ED4640000

Code:

M

Name:

SODIUM METABORATE

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:

NONE SHOULD BE NEEDED.

Ventilation:

GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:

NITRILE OR NEOPRENE RUBBER

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective Equipment:

Equipment EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

THIS IS WORKING SOLUTION.

Health Hazards Data

LD50/LC50/Mixture:

LD50 (ORAL, RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN. ACUTE- WARNING! CONTAINS HYDROQUINONE. CAUSES EYES AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. ORAL: EXPECTED TO BE A LOW INGESTION HAZARD. INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure:

IRRITATION, ALLERGIC SKIN REACTIONS

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: FLUSH WITH PLENTY OF WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 1-2 GLASS OF WATER. CALL A PHYSICIAN.

Spill Release Procedures:

FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER IF PERMITTED OR ABSORB SPILL WITH VERMICULITE, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

FLUSH TO SEWER WITH LARGE AMOUNT OF WATER. DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:

CAUTION! CONTAINS HYDROQUINONE. AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE 3

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

NOT GIVEN

Upper Limits:

NOT GIVEN

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH- APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE PRESENT.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

B3:

B3

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

>212F, >100C

>212F, >100C

Melt/Freeze Pt:

M.P./F.P. Text:

NOT GIVEN

Decomp Temp:

Decomp Text:

NOT GIVEN

Vapor Pres:

18 @ 68F

Vapor Density:

0.6

Volatile Org Content %:

Spec Gravity:

1.034

VOC Pounds/Gallon:

PH:

9.5

VOC Grams/Liter:

Viscosity:

UNKNOWN

UNKNOWN

Evaporation Rate & Reference:

NOT GIVEN

Solubility in Water:

COMPLETE

Appearance and Odor:

COLORLESS LIQUID, ODORLESS

Percent Volatiles by Volume:

95- 99

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

NONE Specified By Manufacturer:

NONE SPECIFIED BY MANUFACTURER

Hazardous Decomposition Products:

NONE SPECIFIED BY MANUFACTURER

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE WILL NOT OCCUR

Toxicological Information

Information: N/P

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