

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-355/35585-58-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

35585-58-1

Code:

M

RTECS:**Code:**

X

Name:

SODIUM METABORATE OCTAHYDRATE Environmental Wt:

Other REC Limits:

N/P

OSHA PEL:

2 MG/M3

Code:

M

OSHA STEL:

N/P

Code:**ACGIH TLV:**

N/A

Code:

M

ACGIH STEL:

NOT ESTABLISHED

Code:

T

Control Measures

Respiratory Protection:

NONE NEEDED UNDER NORMAL CONDITIONS. 5

Ventilation:

N/P.KEEP CONTAINERS CLOSE WHEN NOT IN USE.DO NOT STORE NEAR FOOD.

Protective Gloves:

CHEMICAL RESISTANT GLOVES.

Eye Protection:

GOGG SAFETY GLASSES W/FULL FACE SHIELD.

Other Protective Equipment:

Equipment N/P

Work Hygienic Practices:

MATL CONTAINS SODIUM METABORATE-8H2O, 2-MERCAPTOBENZOTRIAZOLE SODIUM METASILICATE USE CAUTION WHEN HANDLING.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

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:

EYE: MAY CAUSE IRRIT OR BURNS ON PROLONGED CONTACT. INHAL: HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS OR NAUSEA AND OTHER CENTRAL NERVOUS SYST EFFECTS. SKIN: PROLONG CONTACT MAY IRRIT SKIN OR DRY SKIN C AUSING DERMATITIS. INGEST: MAY CAUSE IRRITTO DIGESTIVE TRACT RESULTING IN NAUSEA &/OR VOMITING.

Explanation Of Carcinogenicity:

THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS DESIGNATED BY IARC/NTP/ACGIH/OSHA AS PROBABLE CARCINOGEN.

Signs And Symptoms Of Overexposure:

EYE: IRRIT/BURNS ON PROLONGED CONTACT. INHAL: DIZZINESS/NAUSEA, OTHER CENTRAL NERV SYSTEM EFFECTS. SKIN: PROLONGED CONTACT MAY IRRIT SKIN, DRY SKIN CAUSING DERMATITIS. INGEST: IRRIT TO DIGESTIVE TRACT RESULTING IN NAUSEA AND/OR VOMITING.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

INHAL: REMOVE TO FRESH AIR. ADMINISTER OXYGEN SEEK MED HELP. EYE: FLUSH W/WATER, SEEK MED HELP. SKIN: FLUSH W/WATER, REMOVE CONTAMINATED CLOTHS. IF SKIN IRRIT DEVELOPS SEEK MED ASSISTANCE. INGEST: GIVE SEVERAL GLASSES OF W/TAER, DO NOT INDUCE VOMIT. SEEK MED ATTN. NOTE TO DR: ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS & SUMPTOMS OF DISTRESS. THE PRINCIPAL MANIFESTATION OF OVEREXPO IS CORR OR BURNS.

Spill Release Procedures:

ABSORB ON FIRE RETARDANT MATL. PICK UP & DISPOSE OF AT APPROPRIATE WASTE FACILITY IN ACCORDANCE TO LOC/STATE/FED REGS. REPORT SPILL TO APPROPRIATE AUTHORITIES. 4

Neutralizing Agent:

N/P

Waste Disposal Methods:

THE PRODUCT IS SUITABLE FOR DISPOSAL BY AN APPROVED FACILITY OR CAN BE DISPOSED OF ANY GOVERNMENT APPROVED WASTE SITE.

Handling And Storage Precautions:

KEEP IN COOL DRY PLACE.

Other Precautions:

CLEAR ALKALINE LIQUID WITH BLAND ODOR. MATERIAL CONTAINS SODIUM METABORATE-8H2O, 2-MERCAPTOBENZOTRIAZOLE AND SODIUM METASILICATE, USE CAUTION WHEN HNDLG.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:**Flash Point Text:**

NONE TO BOILING

Autoignition Temp:**Autoignition Temp Text:**

N/P

Lower Limits:

N/APPPLICABLE

Upper Limits:

N/APPPLICABLE

Extinguishing Media:

WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:

NOT COMBUSTIBLE. CONTAINERS CAN RUPRUE & EXPLODE UNDER FIRE CONDITIONS DUE TO PRESSURE & VAPOR BUILDUP. SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE SHIELD.

Unusual Fire/Explosion Hazard:

N/P

Physical/Chemical Properties

HCC:

B3

NRC/State Lic No:

N/A

Net Prop WT For Ammo:

N/A

Boiling Point:

=100.0C, 212F

B.P. Text:

MELT/FREEZE PT:

=-1.1C, 30.0F

M.P/F.P. Text:

N/P

Decomp Temp:

DECOMP TEXT:

N/P

Decomp Text:

N/P

Vapor Pres:

1MM OF HG

Vapor Density:

NOT ESTABL

Volatile Org Content %:

N/P

Spec Gravity:

1.202 15.5/15.0C

VOC Pounds/Gallon:

VOC POUNDS/GALLON

PH:

12.5 / -0.5

VOC Grams/Liter:

VOC GRAMS/LITER

Evaporation Rate & Reference:

1(WATER=1)

Solubility in Water:

SOLUBLE

Appearance and Odor:

CLEAR LIQUID WITH BLAND ODOR

Percent Volatiles by Volume:

~75%

Corrosion Rate:

N/P

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

Look for Chemicals

www.lookchem.com

TM

LookChem

Look for Chemicals

www.lookchem.com

<