

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-104/10486-00-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
10486-00-7

**Code:**  
M

**RTECS:**  
SC7350000

**Code:**  
M

**Name:**  
SODIUM PERBORATE, TETRAHYDRATE

**Other REC Limits:**  
5 PPM

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
5 PPM

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
DUST MASK

**Ventilation:**  
N/A

**Protective Gloves:**  
SHOULD BE WORN W/EXCESSIVE CONTACT.

**Eye Protection:**  
IN ALL INDUSTRIAL WORKPLACES.

**Other Protective Equipment:**  
Equipment N/A

**Work Hygienic Practices:**  
N/A

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
MAY HAVE AN IRRITATING AFFECT TO SKIN, EYES, LUNGS AND MUCOUS MEMBRANES. IRRITATING TO SKIN ESPECIALLY TO SENSITIVE SKIN OR WITH PROLONGED CONTACT. INHALATION MAY HAVE IRRITATING DUST. EYES: CAN CAUSE IRRITATION TO THE EYES.

**Explanation Of Carcinogenicity:**  
N/A 2

**Signs And Symptions Of Overexposure:**  
USUALLY CAUSES SOME IRRITATION TO SKIN, EYES, INHALATION AND TO MUCOUS MEMBRANES IF INGESTED.

**Medical Cond Aggravated By Exposure:**  
N/A

**First Aid:**  
EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS APART TO ENSURE FLUSHING OF ENTIRE SURFACE. SKIN-FLUSH WITH WATER. INHALATION- REMOVE PERSON FROM AREA. INGESTION-D O NOT INDUCE VOMITING, GIVE WATER.

**Spill Release Procedures:**  
CLEAN UP SPILLS BY SWEEPING OR SHOVELING UP MATERIAL. THEN FLUSH AREA WITH WATER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH.

**Handling And Storage Precautions:**  
CONTAINERS OF THIS PRODUCT MAY BE HARMFUL WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID AND/OR SOLID).

**Other Precautions:**  
HAZARD PRECAUTIONS GIVEN IN DATA SHEET MUST BE OBSERVED. RESPIRATORY-DUST MASK IF DUST IS EXCESSIVE. EYE-EYE PROTECTION IS RECOMMENDED IN ALL INDUSTRIAL AREAS. SKIN-GLOVES SHOULD BE WORN WHEN EXCESSIV E SKIN CONTACT CANNOT BE AVOIDED.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K 3

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
REGULAR FOAM, CARBON DIOXIDE OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
NOT FLAMMABLE IN NORMAL CIRCUMSTANCES

**Unusual Fire/Explosion Hazard:**  
DECOMPOSES WITH LIBERATION OF HEAT AND OXYGEN WHICH MAY INTENSIFY FIRE IN COMBUSTIBLE SURROUNDINGS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**  
N/K

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
NA

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
NA

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
NA

**Vapor Density:**  
NA

**Volatile Org Content %:**

**Spec Gravity:**  
NA

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
NA

**Solubility in Water:**  
ABOUT 15%

**Appearance and Odor:**  
WHITE CRYSTALLINE SOLID; LOW ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/A

**Materials To Avoid:**  
OPEN FLAMES, WELDING ARCS, HIGH TEMPERATURES, REDUCING AGENTS OR COMBUSTIBLE MATERIALS.

**Hazardous Decomposition Products:**  
HYDROGEN PEROXIDE, OXIDES OF SODIUM AND BORON.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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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