

# Material Safety Data Sheet

PRODUCT NAME: PENETREAT

## SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Sashco, Inc.  
ADDRESS: 10300 E. 107th Place, Brighton, CO 80601  
EMERGENCY PHONE: 1-800-535-5053  
INFORMATION PHONE: 1-800-767-5656  
DATE REVISED: 05-03-96  
NAME OF PREPARED BY: Wayne Summons  
REASON REVISED: Address change  
CODE IDENTIFICATION: PEN  
PRODUCT IDENTIFICATION: PeneTreat  
FORMULA: Proprietary

## SECTION II - PRODUCT IDENTIFICATION

PRODUCT TRADE NAME: PeneTreat  
CHEMICAL NAME AND SYNONYMS: Disodium Octaborate Tetrahydrate  
CAS NO.: 12080-03-4  
TSCA NO.: 12008-41-2  
EPA Reg. NO.: 64820-1  
FORMULA: (approx.)  $\text{Na}_2\text{B}_3\text{O}_{13}\cdot 4\text{H}_2\text{O}$   
CHEMICAL FAMILY: Sodium Borate  
HAZARD RATING: HMIS Health 0  
Flammability 0  
Reactivity 0

## SECTION III - HAZARDOUS INGREDIENTS

### MATERIAL OR COMPONENT %:

Disodium Octaborate Tetrahydrate > 98% CAS # 12008-03-4

Warning: This product contains trace amounts of arsenic, a chemical known the State of California to cause cancer.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F): N/A  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: Water and dry chemical  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear positive pressure, full face self-contained breathing apparatus. Cool exposed containers with water spray.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: May decompose under fire conditions emitting toxic and irritant gases to the respiratory tract.

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: May cause skin irritation. Can cause eye irritation. Can cause gastro-intestinal irritation.  
EMERGENCY AND FIRST AID PROCEDURES: If product has been ingested, administer two glasses of water and contact a physician. If material comes in contact with eyes, rinse thoroughly for at least 20 minutes. If

irritation persists, contact a physician. If the skin is exposed to the coating, wash thoroughly with soap and water.

===== SECTION VI - REACTIVITY DATA =====

STABILITY: Stable  
INCOMPATIBILITY: Strong oxidizing or reducing agents  
HAZARDOUS DECOMPOSITION PRODUCTS: Smoke may be acrid, CO, CO<sub>2</sub>, and NO<sub>x</sub> fumes emitted when heated to decomposition.  
HAZARDOUS POLYMERIZATION: Will not occur

===== SECTION VII - SPILL OR LEAK PROCEDURES =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with earth, sand or similar inert material and dispose of with solid waste according to federal, state, and local regulations. Flush spill area with a water spray.

WASTE DISPOSAL METHOD: Dispose of liquid waste according to federal, state, and local regulations.

===== SECTION VIII - SPECIAL PROTECTION INFORMATION =====

RESPIRATORY PROTECTION: NIOSH-approved respirator, where TLV or PEL may be exceeded.  
VENTILATION: At high concentrations, use with adequate ventilation.  
PROTECTIVE GLOVES: Impervious gloves of natural latex or neprene.  
EYE PROTECTION: Chemical goggles  
OTHER PROTECTIVE EQUIPMENT: Impervious apron, and boots as needed.

===== SECTION IX - SPECIAL PRECAUTIONS =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. At high concentrations, use with adequate ventilation. Keep container closed. Although product is freeze-thaw stable (at least 5 cycles), it should be stored at moderate temperatures.

OTHER PRECAUTIONS: Keep away from children. Keep away from animals.

===== SECTION X - DISCLAIMER =====

DISCLAIMER:  
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