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MATERIAL SAFETY DATA SHEET
Meeting OSHA Standard 29 CFR §1910.1200 (g)

1661 8 8 70F



ROACH RINSE
Roach Buster

G.S. Custodial

SECTION I — PRODUCT IDENTIFICATION

PRODUCT TRADE NAME:

CHEMICAL NAME AND SYNONYMS: Disodium Octaborate Tetrahydrate

CAS NO: 12008-41-2

CHEMICAL FAMILY: Sodium borate

FORMULA: Na₂B₈O₁₃·4H₂O

HAZARD RATING: NFPA: Health 0

Flammability 0

Reactivity 0

SECTION II — HAZARDOUS INGREDIENTS

Material or Component _____ %	Material or Component _____ %
None	

SECTION III — PHYSICAL DATA

Approx. Formula weight 412
White, odorless powder (light blue tint)
Bulk density 25-35 lbs/ft³
Particle Size: 149-44 microns
pH: @ 23°C (73.4°F) 1% 8.5
10% 7.6
15% 7.3

Solubility in water:
20°C (68°F) 9.5%
94°C (201°F) 45.3%

SECTION IV — HEALTH HAZARD INFORMATION

EFFECTS OF EXPOSURE (SYMPTOMS)

INGESTION: Nausea, vomiting.

ACTUE ORAL LD₅₀ 2.0 g/kg body weight (rats).

EYE: (16CFR §1500.42) May be slightly irritating. Reversible.

SKIN: Not an irritant.

ACUTE DERMAL LD₅₀ (16CFR §1500.40) Unknown

PRIMARY SKIN IRRITATION INDEX: (16CF §1500.41) Less than 1.

CORROSIVE

NON CORROSIVE: X
per 49 CFR §240

INHALATION May be irritating to nose and throat.

ACUTE LC₅₀ Unknown.

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE/METHOD OF EXPOSURE/SYMPTOMS

POLYBOR® 11/1/85

Eyes — may be irritating. Reversible.

Skin — None expected.

Mouth/Nose — May be slightly irritating.

Ingestion — Nausea/vomiting.

CHRONIC OVEREXPOSURE/METHOD OF EXPOSURE/SYMPTOMS

Eyes: May be irritating.

Skin: May be irritating on prolonged exposure on wet skin.

Mouth/Nose: May be irritating.

Ingestions: Nausea, vomiting, diarrhea, skin rash.

OSHA Permissible Exposure LIMIT (PEL) None Listed

29CFR §1910 Subpart Z

ACGIH Recommended Threshold Limit Value None Listed

National Toxicology Program Annual Report on Carcinogens
Year 1983 Listed

Not Listed X

International Agency for Research on Cancer (IARC)

Monograph Yes

No X

OSHA CARCINOGEN NO

EMERGENCY AND FIRST AID PROCEDURES

EYES Flush eyes immediately with tepid water for 15 minutes. If irritation persists, consult physician.

SKIN Wash with mild soap and water.

INHALATION Remove to fresh air.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION Drink plenty of milk or water. Induce emesis.

NOTE TO PHYSICIAN

Not an acute poison. Gastric lavage with 5% sodium bicarbonate solution. If large amounts ingested treat for Borate toxicity. Ringers solution intravenously. Monitor electrolytes. Saline cathartic.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Not Applicable

FLAMMABLE LIMITS Lel

Uel

EXTINGUISHING MEDIA Not Applicable. Product is fire retardant

SPECIAL FIREFIGHTING PROCEDURES None

UNUSUAL FIRE AND EXPLOSION HAZARDS None

Product is an inherent fire retardant.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITION TO AVOID

STABLE X

INCOMPATIBILITY (materials to avoid) None

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR X

CONDITIONS TO AVOID

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep or Vacuum. Flush area with water.

WASTE DISPOSAL METHOD

Standard landfill. Not listed as a hazardous waste by EPA in 40CFR § 261.33.

SECTION VIII - SPECIAL PROTECTION INFORMATION

NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Dry indoor storage.

Date Nov 25, 1985

Signature Jeffrey W. Baskin