

PIC CORPORATION

MATERIAL SAFETY DATA SHEET

PIC ANT KILLING GEL – (Active Ingredient – Disodium Octaborate Tetrahydrate)

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PIC Ant Killing Gel
Chemical Formula: Active Ingredient: $\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4\text{H}_2\text{O}$
Chemical Name/Synonyms: Disodium Octaborate
Active Ingredient: Tetrahydrate – (DOT)
Chemical Family: Active Ingredient Inorganic Borates
CAS Registry Number: Active Ingredient 12280-03-4
TSCA Inventory Number: Active Ingredient 12008-41-2
Emergency Phone Number: Toll free 1-800-255-3924
Manufactured for: PIC Corporation
1101-1107 West Elizabeth Avenue
Linden, NJ 07036

NFPA Classification:

Health	0
Flammability	0
Reactivity	0

HMIS Classification:

Red (Flammability)	0
Yellow (Reactivity)	0
Blue (Acute Health)	1*

*Chronic Effects

SECTION II – HAZARD IDENTIFICATION

OVERVIEW: PIC Ant Killing Gel is a flowable solution, containing DOT and is not flammable, combustible or explosive and presents no unusual hazard if involved in a fire. PIC Ant Killing Gel presents little or no hazard (to humans) and has low acute oral and dermal toxicities.

INGESTION: Products containing DOT are not intended for ingestion. DOT has a relatively low acute toxicity. Small amounts (e.g. a teaspoon) swallowed accidentally are not likely to cause effects; swallowing amounts larger than that may cause gastrointestinal symptoms. Being strongly diluted in the formulation, no effects are expected.

POTENTIAL HEALTH EFFECTS

Skin Contact: PIC Ant Killing Gel does not cause irritation to intact skin.

ROUTES OF EXPOSURE: Ingestion is the most significant route of exposure in occupational and other settings. Dermal exposure is not a concern because PIC Ant Killing Gel is not absorbed through intact skin.

INHALATION: Liquid and gel is not likely to be inhaled.

TARGET ORGANS: No target organ has been identified in humans. High dose animal ingestion studies indicate the testes are the target organs in male animals, though human studies have not shown such results.

EYE CONTACT: PIC Ant Killing Gel is non-irritating to the eyes in normal industrial use.

SECTION III – FIRST AID MEASURES (DOT)

INHALATION: No specific treatment is necessary since PIC Ant Killing Gel is not likely to be hazardous by inhalation. Prolonged exposure to dust levels (DOT) in excess of regulatory limits should always be avoided.

EYE CONTACT: Use eyewash fountain or fresh water to cleanse eye. If irritation persists for more than 30 minutes, seek medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Swallowing less than sixteen teaspoons of PIC Ant Killing Gel will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water to drink and seek medical attention.

NOTE TO PHYSICIANS: Observation only is required for adult ingestion of less than 6 grams of DOT. For ingestion in excess of 6 grams, maintain adequate kidney function and force fluids. Gastric lavage is recommended for symptomatic patients only. Hemodialysis should be reserved for massive acute ingestion or patients with renal failure. DOT analyses of urine or blood are only useful for documenting exposure and should not be used to Evaluate severity of poisoning or to guide treatment. (For further information: Litovitz T.L., Norman, S.A., Veltri, J.C., Annual Report of the American Association of Poison Control Centers Data Collection System. Am. J. Emerg. Med. 1986; 4:427-458.

SECTION IV – FIRE FIGHTING MEASURES

General Hazard: None, because PIC Ant Killing Gel is not flammable, combustible, or explosive.

EXTINGUISHING MEDIA: Any fire extinguishing material may be used on nearby fires.

FLAMMABILITY CLASSIFICATION (29 CFR 1910.1200): Non-Flammable solid

SECTION V – ACCIDENTAL RELEASE MEASURES

GENERAL: PIC Ant Killing Gel is fluid

LAND SPILL: No personal protective equipment is needed to clean up land spills.

SECTION VI – HANDLING AND STORAGE

STORAGE TEMPERATURE: Room Temperature (72° F)

SHELF LIFE: It is advised that the product be used within two years.

STORAGE PRESSURE: Atmospheric

STORAGE CONDITIONS: Dry, indoors storage

SECTION VII – EXPOSURE CONTROLS/PERSONAL PROTECTION

NONE

SECTION VIII – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous fluid or Gel

SOL. IN WATER: 100%

SPECIFIC GRAVITY: 1.5

PH: 5.5

SECTION IX TOXICOLOGICAL INFORMATION

INGESTION (ACUTE ORAL TOXICITY): Low acute oral toxicity; LD₅₀ in rats in 42500 mg/kg of body weight.

SKIN (ACUTE DERMAL TOXICITY): Low acute dermal toxicity; LD₅₀ in rabbits is greater than 33320 mg/kg of body weight. PIC Ant Killing Gel is not absorbed through intact skin.

PRIMARY SKIN IRRITATION INDEX: 0 (zero). PIC Ant Killing Gel is non-corrosive

EYE: Draize test in rabbits produced mild irritation.

SECTION X – DISPOSAL

DISPOSAL GUIDANCE: No special disposal treatment is required, but refer to state and local regulation for applicable site-specific requirements. Such product should be re-used for an appropriate application.

RCRA (40CFR 261): PIC Ant Killing Gel is not listed under any sections of the Federal Resource Conservation and Recovery Act (RCRA).

SECTION XI – TRANSPORTATION INFORMATION

HAZARDOUS MATERIAL CLASSIFICATION: PIC Ant Killing Gel is not a U.S. Department of Transportation Hazardous Material.

HAZARDOUS SUBSTANCE CLASSIFICATION: PIC Ant Killing Gel is not a U.S. Department of Transportation Hazardous substance.

INTERNATIONAL TRANSPORTATION: PIC Ant Killing Gel has no U.N. number and is not regulated under any international rail, highway, water, or air transport regulations.

SECTION XII – REGULATORY INFORMATION

RCRA: PIC Ant Killing Gel is not listed under any sections of the Federal Resource Conservation and Recovery Act or regulations (40 CFR 261 et seq.)

SUPERFUND: CERCLA/SARA. PIC Ant Killing Gel is not listed under CERCLA (the Comprehensive Environmental Response Compensation and Liability Act) or its 1986 amendments and Reauthorization Act).

SAFE DRINKING WATER ACT: PIC Ant Killing Gel is not regulated under the SDWA, 42 USC 300g-1, 40CFR 141 et seq. Consult state and local regulations for possible water quality advisories regarding boron.

IARC: The International Agency for Research on Cancer (of the World Health Organization) does not list or categorize Gourmet Ant Bait

CALIFORNIA PROPOSITION 65: PIC Ant Killing Gel is not listed on any Proposition 65 lists of carcinogens or reproductive toxicants.