

Product Name: NUTRI-PLEX POLYBOR 10
Product ID # 54

Section I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

NAP Chemical
821 S. Chestnut
Pasco, Wa. 99301

Emergency Telephone Number:
Number for Information:
Date Prepared:

509-547-8234
509-547-8234
February 24, 2000

Section II PRODUCT COMPONENTS

COMPONENT:	%	THRESHOLD LIMIT VALUE (UNITS):
Boric Acid (H3BO3) compound with 2-Minoathanol (CAS: 26038-87-9).....	5.0	None Established.
Inert.....	95.0	

Section III PHYSICAL INFORMATION

Appearance and Odor: Colorless to faint yellow liquid with a fishy amine-like odor.
Boiling Point (*C): >93 C (>200 F) Solubility in Water: Miscible
Bulk Density: 11.0 - 11.2 lbs./gal. Specific Gravity (Water =1) 1.33 - 1.35
Evaporation Rate (Butyl Acetate + 1): <1 Vapor Density (Air =1): Not available
Percent Volatile (By Volume): Not available Vapor pressure (MMof Mercury): Not available
pH: 7.8 - 8.4 Viscosity: 130 -170 cPs @ 70 F

Section IV FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point (Specify Method -*C): Does not flash: not applicable
Flammable limits (Percent By Volume): Not Applicable
Fire Extinguishing Media:
Considered non-combustible; use medium appropriate to surrounding fire. Dry Chemical, CO2, Foam, Water Spray or Fog.
Special Fire Fighting Procedures:
Smoke and fumes from fire may contain hazardous components. Wear self-contained breathing apparatus and full protective clothing.
Unusual Fire and Explosion Hazards:
If water is used to fight fire or cool containers, contain run-off by diking to prevent contamination of water supplies.
NFPA Hazard Rating: 0 Least
1 Slight 1 Health
2 Moderate 0 Flammability
3 High 0 Reactivity
4 Severe

Section V REACTIVITY INFORMATION

Stability: Stable Conditions to Avoid: Excessive heat.
Incompatibility (Avoid contact with): Strong oxidizers, acids.
Hazardous Decomposition Products: Not Known. Oxides of nitrogen and other unknown hazardous material may be formed in a fire situation.
Hazardous Polymerization: Will not occur. Conditions to Avoid: None known.

Section VI HEALTH INFORMATION

Toxicological Test Data: (Source of information - Registry of Toxic Effects of Chemical Substances):
None listed.

Effects of Overexposure:

Routes of Entry: Ingestion, inhalation, eyes and skin contact. Most Likely Route of Entry: Dermal. May be harmful if swallowed or inhaled; irritation of eyes, nasal passages, throat skin; rash, dermatitis or other skin reactions.

Emergency and First Aid Procedures: Call physician immediately in all cases of suspected poisoning.

Ingestion: Harmful if swallowed. Call a physician immediately.

Eyes: Flush with running water for at least 15 min. while holding eyelids open. If irritation persists, get medical attention.

Skin: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

Medical conditions aggravated by exposure:

None known. Pre-existing skin or respiratory disorders may be aggravated by excessive exposure to this material.

Potential carcinogen Status (Source of information - Registry of Toxic Effects of Chemical Substances):

Not Known. None of the components in this product are listed by IARC, NTP or OSHA as a potential carcinogen.

Section VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Contain spill; absorb liquids by covering with clay or other absorbent material; then vacuum or scoop and seep up wastes and place container for disposal.

Waste Disposal Method:

Material which cannot be used at the site should be disposed of in an approved waste disposal facility, following all applicable Federal, State and Local regulations. Triple rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary landfill, or by other procedures approved by state and local authorities. Do not contaminate water supplies by disposal of wastes or containers.

Section VIII SPECIAL PROTECTION INFORMATION

Protective Clothing:

Eye Protection (Type): Chemical goggles or shielded safety glasses recommended.

Gloves (Type): Rubber or impervious gloves recommended.

Respiratory Protection: Not normally required. If vapors may exceed acceptable levels, wear MSHA/NIOSH-approved respirator of mast to protect against dusts, mists and vapors.

Other Clothing: Wear Clothing consistent with good practices for handling and applying pesticides. Wash clothing before reuse.

Ventilation:

Local Exhaust: Not normally required.

Mechanical (general): Use if ventilation is not adequate.

Special: Not normally required.

Other: Work in a well ventilated area.

Handling and Storage:

Store in a cool, dry place away from children and other food and feed products. Do not contaminate other stored products or the storage of this product. Immediately clean up any spills which occur during handling and storage. Protect from freezing.

Other Precautions:

Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

Section X REGULATORY INFORMATION

Sara Title III Hazard Category: Immediate Y Fire N Sudden Release of Pressure N
Delayed N Reactive N

Substances Regulated under Sara, Title III, Section 313.

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DATE: FEBRUARY 24, 2000

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