# Material Safety Data Sheet
## Section 1: Hazardous Ingredients
### Active Ingredients:
- Active Ingredient: Boric Acid 35.5% (CAS #10043-33-3)
- Boric Acid: 64.5%
- Isopropyl Alcohol: 1,1,2-trichloroethane: (CAS #98-97-2)
- 1,1,2,2-Tetrachloroethane: (CAS #77-82-4)
- Isopropyl Alcohol: (CAS #67-63-0)

### Inert Ingredients:
- Toluene: NA
- Ethanol: NE
- Propylene: NE
- Water: NE

### Other:
- AEL: 1000 ppm
- Est. by DePerrt

All components of this product are listed or excluded from listing on the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

## Section 2: Physical Data
### Systolic Point:
- NA
### Specific Gravity:
- (g/mL): 8.30
### Vapor Pressure:
- At 20°C: 700 Pa

### Percent Volatility:
- 54.19%

### Evaporation Rate:
- NA

### Solubility in Water:
- Powder: AEL 12 hr.

### Appearance and Odor:
- Spray: as a dry powder with a slight solvent odor.

### Flashpoint:
- >140°F (ASTM Ignition Test B-1503: Test Open Cup) (Aerosol Concentrate)

### Flammable Limit:
- NA

### NFPA Flammability:
- Level I (1.5)

### Extinguishing Media:
- CO₂, Dry Chemical, Foam

### Special Firefighting Procedures:
- None required.

### Unusual Fire and Explosion Hazards:
- Contents under pressure. Exposure to temperatures above 139°F may cause burning.

## Section 3: Fire and Explosion Hazard Data
### Health Hazard Data
### Threshold Limit Value:
- NA

### Health Hazard (Acute and Chronic) - Signs and Symptoms of Exposure:
- Eye: May cause irritation. Produced conjunctival irritation in rabbits at 1 hr. only. No corneal opacity or linitis was observed during the 7 day test period.
- Skin: Prolonged exposure may cause skin irritation. Primary skin irritation index = 1.85 (rabbits). Acute oral toxicity LD₅₀ = 2,000 mg/kg (rabbits). Product does not appear to be a dermal sensitizer to atopic guinea pigs.
- Ingestion & Inhalation: Unlikeky due to the product being pressurized and producing particles large enough to be respirable. Oral effects are nausea, vomiting and diarrhea. Acute oral toxicity LD₅₀ = 5,000 mg/kg (rats).

### Carcinogenicity:
- NTP: No
- IARC Monograph: No
- OSHA Regulations: No

### Emergency and First Aid Procedures:
- If Swallowed: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.
- In Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.
- If on Skin: Wash with plenty of soap and water. Get medical attention.
- If Inhaled: Remove victim to fresh air. If not breathing, apply artificial respiration, preferably mouth-to-mouth. Get medical attention.

### Medical Conditions Aggravated by Exposure:
- None known.

## Section 4: Reactivity Data
### Stability:
- Stable when used according to label directions.

### Incompatibility (Materials to Avoid):
- None

### Hazardous Decomposition Products:
- Thermal decomposition in open flame will result in halogen acids.

### Hazardous Polymerization:
- Will not occur.

## Section 5: Stabilizer:
### Section 6: Spill or Leak Procedures
- Steps to be taken in case material is released or spilled. In case of spillage on skin, wash thoroughly with plenty of soap and water.

### Emergency Telephone Number of Chemtrec:
- (800) 424-9300

### Waste Disposal Method:
- Do not contaminate water, food or feed by disposal.

### Pesticide Disposal Wastes resulting from use of this product may be disposed of on site and at an approved waste disposal facility.

### Container Disposal:
- This container may be recycled in the few but growing number of communities where steel aerosol recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE) if recycling is not available, wrap the container and discard in trash.

### In case of spillage, this product is subject to reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

## Section 7: Special Protection Information
### Respiratory Protection:
- None required. If air is required according to label directions. Wear a NIOSH approved respirator.

### Ventilation:
- Local Exhaust: None required

### Special:
- None required.

### Protective Equipment:
- None required.

## Section 8: Special Precautions
### Precautions to be taken in handling and storage:
- Hazards to Humans & Domestic Animals: CAUTION - Harmful if swallowed or absorbed through the skin. Causes eye irritation. Avoid contact with eyes, nose or clothing. Wash thoroughly with soap and water after handling.

### Environmental Hazards:
- This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Apply this product only as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes. Physical or Chemical Hazards: Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 139°F may cause burning. For best results, use in upright position only. Storing: Do not contaminate water, food or feed by storage. Store in a cool dry area away from heat or open flame and inaccessible to children.

## Section 9: Health Rating Information (NFPA)
- Health: 1
- Flammability: 1
- Reactivity: 1

## Section 10: USA Title III SEC 313 Supplier Notification
- This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CH 372.

### CAS:
- Chemical Name
- % by weight

### Section 11: DOT Shipping Information
- Proper Shipping Name: Consumer Commodity
- Hazard Class: ORM-D

### Product Code:
- 02-0249

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### Superseded: