

Hydro-Zone, Inc.

17800 Telegraph Rd., Romulus, MI 48174 (734-247-4488)

Emergency Telephone No.: 800-535-5053

MATERIAL SAFETY DATA SHEET

NFPA Hazard Rating:  
Health - 1, Flammability - 3, Reactivity - 0

I. GENERAL INFORMATION -----

Code, Trade Name: HZ030160, Conductivity Neutralizer  
Chemical Name: Isopropanol, Citric Acid & Phenolphthalein  
in Water

Chemical Family: Aliphatic Alcohol, Triphenylmethane Dye,  
Organic Acid

DOT - Flammable Liquid, N.O.S., UN1993 (PGII)  
(contains Isopropanol)

II. HAZARDOUS INGREDIENTS -----

\* Iso-propyl Alcohol, CAS #67-63-0 50% V/V  
TLV/PEL: 400 ppm(TWA) TXDS: orl-hmn LDLo: 3570 mg/kg  
Citric Acid, CAS #77-92-9 5% W/V  
TLV/PEL: Not Established TXDS: orl-rat LD50: 11.7 gm/kg  
Phenolphthalein, CAS #77-09-8 0.5% W/V  
TLV/PEL: Not Established TXDS: irp-rat LDLo: 500 mg/kg

Carcinogenicity: None of the above listed (IARC).

IX. ENVIRONMENTAL PROTECTION -----

Spill Response: Eliminate ignition source, cover with sand or  
vermiculite and scoop up and containerize for proper  
disposal.

Waste Disposal: Comply with all local, state and federal  
regulations.

\* Toxic chemical or chemicals subject to the reporting  
requirements of Section 313, SARA Title III.

III. HEALTH HAZARD DATA -----

Ingestion causes nausea, intoxication, and CNS depression.  
High vapor levels cause eye and respiratory system irritation.  
Contact may injure eyes and cause skin irritation.  
Routes of Entry: Ingestion, Inhalation, Skin Contact.

First Aid:

Eyes: Flush with water for at least 15 min; get  
immediate medical assistance.

Skin: Wash with soap and water.

Inhalation: Move to fresh air & give artificial respiration  
if breathing has stopped.

Ingestion: Induce vomiting if conscious.

The above information is to be used only as a guide, and does not  
profess to be all inclusive. Hydro-Zone, Inc. shall not be held  
liable for any damage resulting from the handling or contact with  
the above product.

N/A = Not Available

Issue Date: 3/04

Revised:

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER  
EXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: N/A Specific Gravity: 0.95  
Vapor Density: Heavier than air  
Water Solubility: Miscible  
Appearance & Odor: Clear, colorless liquid with  
alcoholic odor.

V. FIRE & EXPLOSION HAZARD DATA -----

Flash Point: 53 deg F (tcc) for 100% IPA  
Extinguishing Media: dry chemical, CO2, "alcohol" foam.  
Special Procedures: Wear self contained breathing apparatus.  
Unusual Fire & Explosion Hazards: Fire & explosion hazard!  
Vapor heavier than air and may travel to an ignition source.

VI. REACTIVITY DATA -----

Conditions To Avoid: heat, sparks, flame, acids, halogens,  
and strong oxidizers.

Hazardous Combustion & Decomposition Products: COx

VII. SPECIAL PROTECTION -----

Provide adequate general and local exhaust ventilation.  
Protect eyes and skin with safety goggles and gloves.  
Do not get in eyes, on skin or clothing.  
Wear self contained breathing apparatus in high vapor areas.  
Do not breathe vapors or mist.

VIII. HANDLING AND STORAGE PRECAUTIONS -----

Keep container tightly closed.  
Store in cool, dry, well ventilated area.  
Keep away from ignition source.  
Wash thoroughly after handling.  
Empty containers may be hazardous due to retained residue.