

I - PRODUCT IDENTIFICATION

COMPANY NAME: Calgon Vestal Laboratories
 ADDRESS: 7501 Page Avenue, St. Louis, Missouri 63133 Tel. No: (314)862-2000
 PRODUCT NAME: Ty-lon B-15 Product No.: 7515
 Synonyms: Aqueous Boiler Water Treatment BOLC*: 1402
 Shipping Description: Alkaline, Corrosive Liquid, N.O.S. NA 1719

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	(CAS#)	(ORAL L.D50)	% By Wt.	TLV	REL
Sodium Hydroxide	(1310-73-2)	(140-340mg/kg)	@5	2ppm	2ppm
Sodium Nitrite	(7532-00-0)	(85 mg/kg rats)	@25	N/A	N/A
Borax(Sodium Borate)	(1303-96-4)	(709 mg/kg man)	@3	5mg/m3	N/A

III- PHYSICAL DATA

Vapor Pressure, mm Hg: N/A Evaporation Rate(ether=1): N/A Solubility in H2O: Appreciable Freezing Point F: -20F Boiling Point F: @14.7 psig @212 Specific Gravity H2O=1 @25C: 1.27	Vapor Density (Air=1)60-90F: N/A % Volatile by wt @105C/2 hrs 74 pH @ 1:250 Solution 11.4 pH as Distributed: 13.5 Appearance: Straw Liquid Odor: Amine odor
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IV - FIRE AND EXPLOSION

Flash Point F: None to boil Flammable Limits: N/A

Extinguishing Media: Water, CO2, foam, dry chemical.

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: Forced ignition will release nitrogen oxides.

V - REACTIVITY DATA

Stability - Conditions to avoid: Sodium nitrite is a strong oxidizing agent. Dried residues may be explosive.

Incompatibility: Acidic solutions, cyanides, reducing materials, strong oxidizers, amines.

Hazardous Decomposition Products: Nitrogen oxides

Conditions Contributing to Hazardous Polymerization: Will not occur.

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects,
A. ACUTE (Primary Route of Exposure) EYES & SKIN: Concentrate corrosive
to tissues. Eye and skin irritant. INHALATION: Avoid inhaling concen-
trated fumes for a prolonged period. Fumes are irritating.
INGESTION: Harmful if swallowed. Sodium nitrite poisoning is charac-
terized by lack of blood pressure and cyanosis.
B. SUBCHRONIC, CHRONIC, OTHER: Sodium hydroxide shows chronic effects
of skin destruction or inflammation and irritation to respiratory
tract.

VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush eyes with flowing water for 15 minutes. Contact physician.
SKIN: Wash thoroughly with water. Shower if necessary. Launder contam-
inated clothing before reuse. INHALATION: If breathing is difficult,
remove to fresh air and immediately contact a physician.
INGESTION: Drink large amounts of water or citrus juice and immedi-
ately contact a physician.

VIII - SPILL OR LEAK PROCEDURES

Spill Management: For small spills, use industrial absorbent and inciner-
ate or bury. Wash residue with large amounts of water.

Waste Disposal Methods: Use chemical scavenger service. Rinse thoroughly
and tender metal drums to reconditioner. Remove labels.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: N/A

Eye: Goggles or
face shield

Glove: Rubber

Other Clothing and Equipment: N/A

Ventilation: Mechanical exhaust is adequate.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Keep container closed
when not in use. Keep from freezing. Ruined by freezing. For industrial
use only.

Additional Information: Read and observe labeled use instructions.

Prepared by: R.C. Jente

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and/or handling of this material when such use and/or handling is contrary
to label instructions.

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