



DIVISION OF TRICORN INC.  
P.O. BOX 796  
SHILLINGTON, PA 19607  
(610) 777-6823  
FAX (610) 777-6858

## I PRODUCT IDENTIFICATION

Manufacturer's Name: HYDRO DYNAMICS

Emergency Telephone: 800-255-3924

Address: 333 Trout Lane  
PO Box 796  
Shillington, PA 19607

Telephone: 610-777-6823

Product Name: HD-151

## II HAZARDOUS INGREDIENTS

Component	%	CAS #	ACGIH TLV
Sodium Hydroxide	15-18	1310-73-2	2 mg/m <sup>3</sup> (C)
Sodium Sulfite	6-15	7757-83-7	NE
Metaphosphoric Acid, Hexasodium Salt Aqueous Solution	7-15	68915-31-1	NE

## III PHYSICAL DATA

Boiling Point: NA

Vapor Pressure (mm Hg): NA

Vapor Density (AIR=1): NA

Solubility in Water: 100%

pH: 13.4 - 13.5

Specific Gravity (H<sub>2</sub>O=1): 1.22 - 1.23

Melting Point: NA

Evaporation Rate (Butyl Acetate=1): NA

Appearance & Odor: Black liquid

## IV FIRE AND EXPLOSION INFORMATION

Flash Point (F): Above 200°F Closed Cup

Flammable Limits: NA

Special Fire Fighting Procedures: Wear NIOSH approved self contained breathing apparatus.

Extinguishing Media: Water

Unusual Fire and Explosion Hazards: None

## V HEALTH HAZARD INFORMATION

Routes of Entry:

Skin Inhalation Ingestion

Signs & Symptoms of Exposure: Eye, skin and respiratory tract irritant.

Emergency and First Aid Procedures:

Ingestion: Secure immediate medical attention.

Eyes: Flush immediately with plenty of water. Secure immediate medical attention.

Skin: Wash well with soap and water.

## VI REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): Do not mix with acidic materials or strong oxidants.

Hazardous Decomposition of Byproducts: None

Hazardous Polymerization: Will not occur.

## VII HANDLING OF SPILLS OR LEAKS

Steps To Be Taken In Case Material is Released or Spilled: Promptly flush area thoroughly with water. If residue remains, sweep or shovel into a container and cover.

Waste Disposal Method: Waste treatment system or sanitary sewer if permissible under federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Keep from freezing. If frozen, thaw completely and mix until homogeneous before using. Do Not mix with acidic materials.

## VIII PROTECTIVE EQUIPMENT

Respirator Protection: For prolonged exposure, wear a respirator for dusts and mists approved by NIOSH.

Ventilation:

Local Exhaust: As necessary to reduce dust or mist.

Mechanical (General): Not normally necessary.

Protective Gloves: Rubber or Neoprene

Eye Protection: Goggles or Face Shield.

Other Protective Clothing or Equipment: Eye wash facility. Long sleeved clothing.

## IX TRANSPORTATION INFORMATION

Corrosive, Caustic Alkali Liquid Solution, NOS 8 (Sodium Hydroxide), UN1824, PGII

## X COMMENTS

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**DATE:** February 24, 2015