

SAFETY DATA SHEET

HYPHE

SDS Revision Date: 05/26/2015



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Identity	HypHe
Alternate Names	Water Conditioner Mixture, Sundry

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses	Water Conditioner, Sundry
Application Method	See Technical Data Sheet

1.3 Details of the supplier of the safety data sheet

Company Name	Hydrol Chemical Company, Inc. 520 Commerce Drive Yeadon, PA 19050
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1.4 Emergency telephone number

CHEMTREC (USA)	(800) 424-9300
Customer Service	
Hydrol Chemical Company, Inc.	(800) 345-8200 (610) 622-3603

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

No applicable GHS categories.

2.2 GHS Label elements

No applicable GHS categories.

Other hazards which do not result in classification

May cause eye irritation.
May cause skin irritation.
May cause irritation of the mucous membranes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances Regulations.

<u>Ingredient / Chemical Designations</u>	<u>Weight %</u>	<u>GHS Classification</u>	<u>Notes</u>
Trisodium EDTA CAS Number: 0000150-38-9	40 – 50		(1)

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If breathed in, move person into fresh air.

Eyes: In case of contact, immediately flush eyes with clean, fresh water for at least 15 minutes, holding eyelids apart. Seek medical attention if eye irritation persists.

Skin: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

Ingestion: If swallowed, Call Physician Or Poison Control Center For Most Current Information.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Dry chemical, foam, carbon dioxide, and water fog.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for fire-fighters

Standard procedure for fires.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or use of the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3 Methods and material for containment and cleanup

Use absorbent and place into suitable containers for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container. No special restrictions on storage with other products.

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Respiratory	No personal respiratory protective equipment normally required.
Eyes	Wear safety eyewear; safety glasses, goggles, or visors to protect against splashing liquid.
Skin	Wear impervious clothing. For prolonged or repeated contact, use protective gloves.
Other Work Practices	Use good personal hygiene. Wash hands before eating, drinking, smoking, or toileting. Promptly remove soiled clothing; wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, water white liquid
Odor	Odorless
Odor threshold	No data available
pH	No data available
Melting pt. / freezing pt.	No data available
Initial boiling pt. and boiling range	100-102C (212-216°F)
Flash point (TCC)	Not applicable
Evaporation rate (Bu Acetate = 1)	Greater than 1
Flammability (solid, gas)	Not applicable
Upper/Lower flammability or explosion limits	Not applicable
Vapor pressure (Pa)	No data available
Vapor density	Not applicable
Specific gravity	1.100-1.110
Solubility in water	100%
Partition coefficient n-octanol/water (log Pow)	No data available
Auto-ignition temperature (C)	No data available
Decomposition temperature (C)	No data available
Viscosity (cps)	No data available

9.2 Other information

No other relevant information.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Ingredient / Chemical Designations	Oral LD50 (mg/kg)	Skin LD50 (mg/kg)	Inhalation Vapor LD50 (mg/L/4hr)	Inhalation Dust/Mist LD50 (mg/L/4hr)	Inhalation Gas LD50 (ppm)
Trisodium EDTA CAS Number: 0000150-38-9	No data available	No data available	No data available	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	-	N/A
Acute Toxicity (skin)	-	N/A
Acute Toxicity (inhalation)	-	N/A
Skin Corrosion / Irritation	-	N/A
Eye Damage / Irritation	-	N/A
Sensitization (respiratory)	-	N/A
Sensitization (skin)	-	N/A
Germ Toxicity	-	N/A
Carcinogenicity	-	N/A
Reproductive Toxicity	-	N/A
Specific Target Organ Systemic Toxicity (single exposure)	-	N/A
Specific Target Organ Systemic Toxicity (repeated exposure)	-	N/A
Aspiration Hazard	-	N/A

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic Ecotoxicity

Ingredient / Chemical Designations	96 hr LC50 Fish (mg/l)	48 hr EC50 Crustacean (mg/l)	ErC50 Algae (mg/l)
Trisodium EDTA CAS Number: 0000150-38-9	No data available	No data available	No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations enacted under the Control of Pollution Act and the Environmental Protection Act.

Using information supplied within this SDS, advice should be obtained from the Waste Regulation Authority whether any special local municipal waste regulations apply.

14. TRANSPORTATION INFORMATION

14.1 Transport Classes

DOT (Domestic Surface Transportation)

DOT Proper Shipping

Name: Not regulated

DOT Shipping Class: N/A

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping

Name: Not regulated

IMDG Hazard Class: N/A

Sub Class: N/A

14.2 Environmental hazards

DOT: N/A

IMDG: N/A

15. REGULATORY INFORMATION

Overview The data provided in this section includes select regulations, and is not inclusive of all regulations that may be applicable to this product. All ingredients of this product are listed on the TSCA Inventory, or are not required to be listed.

WHMIS Classification N/A

US EPA Tier II Hazards	Fire:	No
	Sudden Pressure Release:	No
	Reactivity:	No
	Immediate Health:	No
	Delayed Health:	No

EPCRA 311/312 Chemicals and RQ (>0.1%)
None listed

EPCRA 302 Extremely Hazardous (>0.1%)
None listed

EPCRA 313 Toxic Chemicals (>0.1%)
None listed

Proposition 65 - Carcinogens (>0.1%)
None listed

Proposition 65 - Developmental Toxins (>0.0%)
None listed

Proposition 65 - Female Reproductive Toxins (>0.0%)
None listed

Proposition 65 - Male Reproductive Toxins (>0.0%)
None listed

NJ RTK Substances (>1.0%)
None listed

PA RTK Substances (>1.0%)
None listed

16. OTHER INFORMATION

All information contained herein is based upon data believed to be correct. However, no guarantee, expressed or implied, is made with respect to the information contained within. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to this product. Users of this product must comply with all health and safety laws and regulations applicable.

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