

Safety Data Sheet

Section 1
Identification of the Substance and of the Supplier

1.1 Product Identifier

Product Name/Identification:	TPH DC30D Agua Seltzer
Synonyms:	Polymer
Product Code:	Not applicable
Formula:	Not determined

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advices Against

Relevant Identified Uses:	Process aid or industrial applications
Uses Advised Against:	None known

1.3 Details of the Supplier of the SDS

Manufacturer/Supplier:	Tons Per Hour, Inc.
Street Address:	8717 Humble Westfield Rd.
City, State and Zip Code:	Humble, TX 77338
Customer Service Telephone:	916-663-3800

1.4 Emergency Telephone Number

Emergency Phone Number:	916-663-3800
Hours Available:	24/7

Section 2
Hazards Identification

2.1 Classification of the Substance

Irritating to eyes. Aqueous solutions or powders that become wet render surfaces extremely slippery.

Section 3
Composition/Information on Ingredients

Regulated Components	Classification	CAS-No	Weight %
Citric Acid	XI: R36	77-92-9	>20

Section 4
First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	No hazards which require special first aid measures.
Skin Contact:	No hazards which require special first aid measures. Wash with water and soap as a precaution. In case of persistent skin irritation, consult a physician.
Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.
Ingestion:	No hazards which require special first aid measures.

4.2 Indication of Any Immediate Medical Attention and Special Treatment Needed

Seek first aid or call a doctor or Poison Control Center if contact with eyes occurs and irritation remains after rinsing.

Section 5
Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media:	Water, water spray, foam, carbon dioxide (CO ₂), dry powder
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5.2 Special Hazards Arising From the Substance or Mixture

Hazardous Combustion Products:	None known.
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5.3 Advice for Firefighters

Special Protective Equipment and Precautions for Firefighters:	No special protective equipment required. Aqueous solution or powders that become wet render surfaces extremely slippery.
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Section 6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions/Protective Equipment:	No special precautions required.
Emergency procedures:	Do not flush with water. Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

6.2 Environmental precautions

Environmental precautions:	Do not contaminate water.
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6.3 Methods and Material for Containment and Cleaning Up

Methods and materials for containment and cleaning up:	Do not flush with water. Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.
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See Sections 8 and 13 for additional information on exposure controls and disposal.

Section 7 Handling and Storage

7.1 Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry, cool place (0-35°C)

Section 8
Exposure Controls/Personal Protection

8.1 Control Parameters

No special technical protective measures required.

8.2 Exposure Controls

No special technical protective measures required.

8.2.1 Engineering Controls

No special technical protective measures required.

8.2.2 Personal Protective Equipment (PPE)

Respiratory protection:	No special protective equipment required.
Eye and face protection:	Safety glasses with side-shields.
Hand and skin protection:	Rubber gloves for hands. No special protective equipment required.

Section 9
Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Property: Value	Property: Value
Appearance (physical state, color, etc.): Pellets, white	Upper/lower flammability or explosive limits: Not applicable
Odor: None	Vapor Pressure (Pa): Not determined
Odor threshold: Not applicable	Vapor Density: Not determined
pH (25 °C): 4-9 @ 5g/l	Specific gravity or relative density: Not determined
Melting point/freezing point (°C): Not applicable	Water Solubility: Completely Soluble

Initial boiling point and boiling range (°C): Not applicable	Partition coefficient: n-octane/water: Not determined
Flash point (°C): Not applicable	Auto ignition temperature (°C): Not applicable
Evaporation rate: Not determined	Decomposition temperature (°C): Not determined
Flammability (solid, gas): Not combustible	Viscosity: Not applicable

9.2 Other Information

Section 10 Stability and Reactivity

10.1 Reactivity:	Not determined
10.2 Chemical stability:	Product is stable, no hazardous polymerization will occur.
10.3 Possibility of hazardous reactions:	Product will not undergo hazardous polymerization
10.4 Conditions to avoid:	Oxidizing agents may cause exothermic reactions.
10.5 Incompatible materials:	Not determined
10.6 Hazardous decomposition products:	Thermal decomposition may produce: nitrogen oxides (NO _x), carbon oxides.

Section 11 Toxicological Information

11.1 Information on Toxicological Effects

Endpoint	Data
Acute oral toxicity	Based on studies on similar products, this material is not expected to be toxic.
Acute dermal toxicity	Based on studies on similar products, this material is not expected to be toxic.
Acute inhalation toxicity	Based on studies on similar products, this material is not expected to be toxic.

Endpoint	Data
Skin corrosion/irritation	By analogy with similar products, this material is not expected to be toxic.
Eye damage/irritation	Irritating to eyes.
Respiratory/skin sensitization	By analogy with similar products, this material is not expected to be toxic.
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-SE	No data available
STOT-RE	No data available

Section 12
Ecological Information

12.1 Toxicity

Fish	LC50/Danio rerio / 96 hours > 100mg/L (Based on toxicity of the components using the conventional method.)
Daphnia and other aquatic organisms	EC50/Daphnia magna / 48 hours > 100mg/L (Based on toxicity of the components using the conventional method.)
Algae	IC50/Scenedesmus subspicatus/ 72 hours > 100mg/L (Based on toxicity of the components using the conventional method.)

12.2 Persistence and Degradability

Not readily biodegradable

12.3 Bioaccumulative Potential

Does not bioaccumulate

12.4 Mobility in Soil

No data available.

12.5 Results of PBT and vPvB Assessment

No data available.

12.6 Other Adverse Effects

None known.

Section 13 Disposal Considerations

Water from residues / unused products	In accordance with local and national regulations
Contaminated packaging	Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

Section 14 Transport Information

Remarks: Not classified as dangerous in the meaning of transport regulations.

Section 15 Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Mixture

Xi- Irritant

R-phrases(s): R36 – Irritating to eyes

S-phrases(s): S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Inventory Status:

EINECS (Europe): Existing polymer according to the definition in the 7th Amendment to directive 67/548/EFC. All starting materials and additives are listed in EINECS.

TSCA (USA): Complies with all applicable rules and orders under TSCA.

Section 16 Other Information, Including Date of Preparation or Last Revision

16.1 Indication of Changes

Date of preparation or last revision: May 29, 2015

DISCLAIMER:

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