

# Safety Data Sheet

Issue Date: 06-Oct-2005

Revision Date: 07-May-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name Highlight

### Other means of identification

SDS # DYNI-029

### Recommended use of the chemical and restrictions on use

Recommended Use Cleaner.

### Details of the supplier of the safety data sheet

#### Supplier Address

SafeWorld  
17304 North Preston Rd. Suite 800  
Dallas, TX 75252  
Ph: 1-800-545-5444

### Emergency Telephone Number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** The classification below is intended for the product concentrate only. When appropriately diluted according to the directions, the dilution is not expected to pose any health or physical hazards as defined by OSHA under 29 CFR 1910.1200. As a result, this SDS may contain additional health and physical hazard information not pertinent to the dilution and not found on the diluted product label. Please consult the label for appropriate dilution-related guidelines.

Appearance Pink liquid

Physical State Liquid

Odor Neutral

### Classification

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 1 |
| Serious eye damage/eye irritation | Category 1 |

### Signal Word

Danger

### Hazard Statements

Causes severe skin burns and eye damage



**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a poison center or doctor/physician  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a poison center or doctor/physician  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No      | Weight-% |
|---------------|-------------|----------|
| EDTA          | 64-02-8     | 1-5      |
| Soda ash      | Proprietary | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.         |
| <b>Skin Contact</b> | Remove contaminated clothing. Wash off immediately with plenty of water. If skin irritation persists, call a physician.                   |
| <b>Inhalation</b>   | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical attention/advice. |
| <b>Ingestion</b>    | Do not induce vomiting. Rinse mouth. Drink 1 or 2 glasses of water. Immediately call a poison center or doctor/physician.                 |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Irritating to mouth, throat and stomach. Causes severe skin burns and eye damage. May cause irritation to the mucous membranes and upper respiratory tract. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water. BC/ABC extinguisher may be used in area where material is stored. Synthetic foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is not flammable.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protection recommended in Section 8.

**Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Collect and reuse if possible. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Clean up in accordance with all applicable regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Keep containers closed when not in use. Surfaces subject to spills of this product can become slippery. Do not breathe dust/fume/gas/mist/vapors/spray.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Store locked up.

**Incompatible Materials** Strong oxidizing agents. Acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** No exposure limits noted for ingredient(s). The following information is given as general guidance

### **Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

### **Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Protective eyewear recommended.

**Skin and Body Protection** Chemical resistant gloves recommended.

**Respiratory Protection** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **Information on basic physical and chemical properties**

|                       |             |                       |                |
|-----------------------|-------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid      | <b>Odor</b>           | Neutral        |
| <b>Appearance</b>     | Pink liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Pink        |                       |                |

| <b><u>Property</u></b>              | <b><u>Values</u></b>  | <b><u>Remarks • Method</u></b> |
|-------------------------------------|-----------------------|--------------------------------|
| <b>pH</b>                           | > 11.5                |                                |
| <b>Melting Point/Freezing Point</b> | Not determined        |                                |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F       |                                |
| <b>Flash Point</b>                  | Not determined        |                                |
| <b>Evaporation Rate</b>             | Not determined        |                                |
| <b>Flammability (Solid, Gas)</b>    | Liquid-Not applicable |                                |
| <b>Upper Flammability Limits</b>    | Not determined        |                                |
| <b>Lower Flammability Limit</b>     | Not determined        |                                |
| <b>Vapor Pressure</b>               | Not determined        |                                |
| <b>Vapor Density</b>                | Not determined        |                                |
| <b>Specific Gravity</b>             | 1.00                  |                                |
| <b>Water Solubility</b>             | Not determined        |                                |
| <b>Solubility in other solvents</b> | Not determined        |                                |
| <b>Partition Coefficient</b>        | Not determined        |                                |
| <b>Auto-ignition Temperature</b>    | Not determined        |                                |
| <b>Decomposition Temperature</b>    | Not determined        |                                |
| <b>Kinematic Viscosity</b>          | Not determined        |                                |
| <b>Dynamic Viscosity</b>            | Not determined        |                                |
| <b>Explosive Properties</b>         | Not determined        |                                |
| <b>Oxidizing Properties</b>         | Not determined        |                                |

## 10. STABILITY AND REACTIVITY

### **Reactivity**

Not reactive under normal conditions.

### **Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents. Acids.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

**Eye Contact** Causes eye damage.

**Skin Contact** Causes severe skin burns.

**Inhalation** May cause irritation to the mucous membranes and upper respiratory tract.

**Ingestion** May cause discomfort if swallowed. Ingestion may cause irritation to mucous membranes.

**Component Information**

| Chemical Name | Oral LD50                              | Dermal LD50 | Inhalation LC50                      |
|---------------|--|-------------|--------------------------------------|
| EDTA          | = 1658 mg/kg ( Rat ) = 10 g/kg ( Rat ) | -           | -                                    |
| Soda ash      | = 4090 mg/kg ( Rat )                   | -           | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### Component Information

| Chemical Name | Algae/aquatic plants                                | Fish  | Toxicity to microorganisms | Crustacea                                |
|---------------|---|---|----------------------------|--|
| EDTA          | 1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 | 41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static<br>59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static        |                            | 610: 24 h <i>Daphnia magna</i> mg/L EC50 |
| Soda ash      | 242: 120 h <i>Nitzschia</i> mg/L EC50               | 300: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static<br>310 - 1220: 96 h <i>Pimephales promelas</i> mg/L LC50 static |                            | 265: 48 h <i>Daphnia magna</i> mg/L EC50 |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### California Hazardous Waste Status

| Chemical Name | California Hazardous Waste Status |
|---------------|-----------------------------------|
| Soda ash      | Corrosive                         |

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

Not regulated

### IATA

Not regulated

### IMDG

#### **Marine Pollutant**

This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

All ingredients of this product are listed or exempt from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

| Chemical Name | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| EDTA          | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Soda ash      | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

Not determined

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | 2                     | 0                   | 0                       | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | Not determined        | Not determined      | Not determined          | Not determined             |

**Issue Date:** 06-Oct-2005  
**Revision Date:** 07-May-2015  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**