

Issue Date: 22-Dec-2014

Revision Date: 03-Apr-2019

Version 3

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ION-Z FLOOR SCRUBBER with DEFOAM

### Other means of identification

#### **SDS #**

ITEM# M-02593  
 M-02595  
 M-02597

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

**Recommended Use** Floor Cleaner

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

#### **Supplier Address**

Ashburn Chemical Technologies  
 7403 Wright Rd  
 Houston, TX 77041

### Emergency Telephone Number

#### **Company Phone Number**

832-399-1000

#### **Emergency Telephone (24 hr)**

INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear, Blue

**Physical State** Liquid

**Odor** Mild

### Classification

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200

Serious eye damage/eye irritation	Category 2A
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### Hazard Not Otherwise Classified:

H316 Cause mild skin irritation

### Signal Word

**WARNING**

### Hazard Statements

H319 Causes serious eye irritation



### Precautionary Statements - Prevention

P264 Wash face, hands and any exposed skin thoroughly after handling  
 P280 Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

P305+P351+P338

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

P331+P313 If skin irritation occurs: Get medical advice/attention

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Surfactant Mixture	Proprietary	1-10
Tetrasodium EDTA	64-02-8	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

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing and wash before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove person to fresh air and keep at a comfortable position for breathing. Get medical advice/attention if you feel unwell or are concerned.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.
<b>Symptoms</b>	May cause eye, skin and respiratory tract irritation. May include pain or irritation, eye watering, redness, mouth/throat/stomach irritation
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable / Unsuitable Extinguishing Media</b>	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
<b>Specific Hazards Arising from the Chemical</b>	No specific fire or explosion hazard
<b>Hazardous Combustion Products</b>	None-known
<b>Protective equipment / Precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin or eyes. See SECTION 8 for Personal Protective Equipment
<b>Environmental Precautions</b>	Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information
<b>Methods for Clean-Up</b>	Sweep up absorbed material and shovel into suitable containers for disposal. If the product contaminates rivers and lakes or drains inform respective authorities. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal

## 7. HANDLING AND STORAGE

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements.
<b>Storage Conditions</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).
<b>Incompatible Materials</b>	Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b><u>Exposure Guidelines /</u></b>	No exposure limits noted for ingredient(s)
<b><u>Appropriate engineering controls</u></b>	Adequate ventilation. Maintain eye wash fountain and quick-drench facilities in work area.
<b><u>Personal Protective Equipment</u></b>	
<b>Eye/Face Protection</b>	Safety glasses with side shields.
<b>Skin Protection</b>	Wear suitable protective clothing and chemical resistant gloves.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas.
<b>General Hygiene Considerations</b>	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. Remove contaminated clothing and launder before reuse

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Blue		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	11.6 – 12.8		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	100 °C / 212 °F		
Flash Point	Not flammable		
Evaporation Rate	< 1.0	(butyl acetate = 1)	
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	> 1.0	@68° F(20°C)	
Vapor Density	> 1.0	(Air=1)	
Specific Gravity	1.05-1.08	(1=Water)	
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

VOC Content (%)	Not determined
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## 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.
Conditions to Avoid	Incompatible Materials.
Incompatible Materials	Strong Acid
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Eye Contact	May cause mild eye irritation.
Skin Contact	May cause mild skin irritation.
Inhalation	May cause irritation.
Ingestion	May cause gastrointestinal irritation or diarrhea.

### Information on Toxicological Effects

Symptoms	Please see section 4 of this SDS for symptoms.
Carcinogenicity	Carcinogenic potential is unknown.
Numerical measures of toxicity	Not determined

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence/Degradability	Biodegradation: Expected to be slowly biodegradable. Natural carbon dioxide will slowly neutralize this material.
Bioaccumulation	No data available
Mobility	No data available
Other Adverse Effects	No data available

## 13. DISPOSAL CONSIDERATIONS

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.

## 14. TRANSPORT INFORMATION

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

## 15. REGULATORY INFORMATION

<b><u>International Inventories</u></b>	All components are listed  <i>TSCA - United States Toxic Substances Control Act Section 8(b) Inventory</i> <i>DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List</i> <i>EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances</i> <i>ENCS - Japan Existing and New Chemical Substances</i> <i>IECSC - China Inventory of Existing Chemical Substances</i> <i>KECL - Korean Existing and Evaluated Chemical Substances</i> <i>PICCS - Philippines Inventory of Chemicals and Chemical Substances</i> <i>AICS - Australian Inventory of Chemical Substances</i>
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### **US Federal Regulations**

<b>CERCLA</b>	This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)
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**SARA 311/312 Hazardous Chemical** Acute Health Hazard

<b>SARA 313</b>	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
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<b>California Prop 65</b>	This product does not contain any Prop 65 Chemical.
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## 16. OTHER INFORMATION

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	0	0	
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	0	0	A

<b>Issue Date:</b>	22-Dec-2014
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<b>Revision Note:</b>	Updated SECTION 9

### **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**