



## Material Safety Data Sheet

# PSC-ICA-720

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

### 1. Product and Company Identification

<b>Material name</b>	<b>PSC-ICA-720</b>
<b>Patent Number</b>	Not available
<b>Revision date</b>	March-29-2011
<b>Version No.</b>	7
<b>CAS #</b>	6381-77-7
<b>Product use</b>	Iron Control Additive
<b>Manufacturer information</b>	Clearwater™ International L.L.C. 100 Leetsdale Industrial Drive Leetsdale, PA 15056 US CHEMTREC 1-800-424-9300/703-527-3887
<b>Emergency</b>	CHEMTREC 1-800-424-9300/703-527-3887
<b>Supplier information</b>	Producers Service Corp. 109 South Graham St. Zanesville, OH 43701 US
<b>Supplier emergency telephone number(s)</b>	24hr customer Service 740-454-6253

### 2. Hazards Identification

<b>Emergency overview</b>	CAUTION  Mild eye irritation. May be harmful if swallowed. May cause irritation to skin and respiratory tract. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>OSHA regulatory status</b>	This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
<b>Potential health effects</b>	
<b>Routes of exposure</b>	Eye contact. Inhalation.
<b>Eyes</b>	Mild eye irritation. Do not get this material in contact with eyes.
<b>Skin</b>	This product may cause irritation to the skin. Avoid contact with the skin.
<b>Inhalation</b>	May cause irritation of respiratory tract. Do not breathe dust.
<b>Ingestion</b>	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Do not ingest.
<b>Potential environmental effects</b>	Ecological injuries are not known or expected under normal use.



### 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

### 4. First Aid Measures

#### First aid procedures

<b>Eye contact</b>	Rinse immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	Wash off with soap and water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Move to fresh air. Oxygen or artificial respiration if needed. Get medical attention immediately.
<b>Ingestion</b>	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**General advice** If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire Fighting Measures

<b>Flammable properties</b>	Not a fire hazard.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical, CO <sub>2</sub> , water spray or regular foam.
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out. 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>	Keep unnecessary personnel away.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for containment</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
<b>Methods for cleaning up</b>	Clean up in accordance with all applicable regulations.  Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. After removal flush contaminated area thoroughly with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.  Never return spills in original containers for re-use.
<b>Other information</b>	Clean up in accordance with all applicable regulations.

### 7. Handling and Storage

<b>Handling</b>	Use only with adequate ventilation. Avoid dust formation in confined areas. Handle and open container with care. Wash hands thoroughly after handling.
-----------------	--

**Storage**

Keep container tightly closed in a dry and well-ventilated place. Store in a closed container away from incompatible materials. Use care in handling/storage. Store in accordance with local/regional/national/international regulation.

**8. Exposure Controls / Personal Protection****Engineering controls**

Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower nearby.

**Personal protective equipment****Eye / face protection**

Wear safety glasses with side shields. Wear chemical goggles.

**Skin protection**

Protective gloves. Wear suitable protective clothing. Closed-toe shoes recommended.

**Respiratory protection**

Effective dust mask. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations**

Do not breathe dust. Do not get this material in your eyes, on your skin, or on your clothing. Wash hands before breaks and immediately after handling the product. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

**9. Physical & Chemical Properties**

<b>Appearance</b>	Crystalline.
<b>Color</b>	Off-white.
<b>Odor</b>	Odorless.
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>pH</b>	5 - 6
<b>Melting point</b>	Not available
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available
<b>Flammability</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	1.2
<b>Relative density</b>	10.0145
<b>Solubility (water)</b>	< 100 mg/mL @18°C
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available



## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Heat. High temperatures.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong bases.
<b>Hazardous decomposition products</b>	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition. Oxides of carbon. Sodium oxides.
<b>Possibility of hazardous reactions</b>	Will not occur under normal conditions.

## 11. Toxicological Information

<b>Sensitization</b>	Not expected to be hazardous by OSHA criteria.
<b>Local effects</b>	Mild eye irritation. May cause irritation to skin and respiratory tract. May be harmful by inhalation and if swallowed.
<b>Chronic effects</b>	Not expected to be hazardous by OSHA criteria.
<b>Carcinogenicity</b>	Not expected to be hazardous by OSHA criteria.
<b>Neurological effects</b>	Not expected to be hazardous by OSHA criteria.

## 12. Ecological Information

<b>Ecotoxicity</b>	This material is not expected to be harmful to aquatic life.
<b>Environmental effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## 13. Disposal Considerations

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
------------------------------	--

## 14. Transport Information

### Department of Transportation (DOT) Requirements

Not regulated as hazardous goods.

### Department of Transportation (DOT) Requirements

#### Bulk

Not regulated as hazardous goods.

### Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

### Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as hazardous goods.

### Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as dangerous goods.

### IMDG

Not regulated as hazardous goods.

### IMDG

Not regulated as dangerous goods.

### IATA

Not regulated as hazardous goods.



## IATA

Not regulated as dangerous goods.

## 15. Regulatory Information

### US federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

### Occupational Safety and Health Administration (OSHA)

**29 CFR 1910.1200 hazardous chemical** No

### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

### International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

### State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.



---

## 16. Other Information

**HMIS® ratings**

Health: 1  
Flammability: 1  
Physical hazard: 0  
Personal protection: E

**NFPA ratings**

Health: 1  
Flammability: 1  
Instability: 0

**Prepared by**

Product Stewardship  
515 Post Oak Blvd  
Houston, TX 77027  
+1-713-968-2306

**Disclaimer**

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS.

**Issue date**

March-29-2011

**MSDS sections updated**

Product and Company Identification: Alternate Trade Names