



---

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product Identifiers

Product code                                   ISP-05, ISP-15, ISP-30, ISP-55  
Product name                                   IronSolv (R) Plus

### 1.2. Alternate product names

None

### 1.3. Relevant identified uses of the substance or mixture and used advised against

Identified Uses                                   This product designed to remove iron deposits, carbonate imbedded iron deposits, and/or other metal oxides, via deagglomeration, sequestration, and/or chelation.

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

Manufacturer                                   WET International  
316 Roma Jean Parkway, Streamwood, IL USA 60107  
(630) 540-2114

### 1.5. Emergency telephone number

Emergency phone#                               Infotrac: (800) 535-5054

---

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not a hazardous product

### 2.2. GHS Label elements, including precautionary statements

**Pictogram:**

**Signal Word:** NA

**Hazard Statement(s)**

Not a hazardous product

**Precautionary Statement(s)**

Not a hazardous product

### 2.3. Hazards not otherwise classified (HNOC) or not covered by GHS

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substance/Mixture**

| Chemical  | CAS No.    | Percentage | Classification          | Other Limits |
|---|------------|------------|-------------------------|--------------|
| Citric Acid   | 5949-29-1  | 15-20      |                         |              |
| The specific chemical identity of this product has been withheld as a trade secret. |            | 7.5        | Not a hazardous product |              |
| Sodium Glucoheptonate   | 31138-65-5 | 18-25      |                         |              |
| Other ingredients below reportable levels.  |            |            |                         |              |

**4. FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

Remove to fresh air and contact a physician if difficulties persist.

**Ingestion**

If ingested, do not induce vomiting. Dilute by giving large amounts of water. Seek immediate medical attention.

**Skin Contact**

Flush skin with water for 15 minutes. If irritation persists, seek medical attention.

**Eye Contact**

Flush eye with water for 15 minutes and seek medical attention if irritation persists.

**4.2. Most important symptoms and effects, both acute and delayed**

None Known

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

No data available

**5. FIREFIGHTING MEASURES****5.1. Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

**5.2. Special hazards arising from the substance or mixture**

No data available

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus for fire fighting if necessary.

**5.4. Further information**

No data available



---

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, or clothing. Do not inhale mists. Use normal personal hygiene and housekeeping.

### 6.2. Environmental precautions

No special environmental precautions required.

### 6.3. Methods and materials for containment and cleaning up

Spills should be handled immediately by neutralization and dilution of the spilled product by the use of soda ash (sodium carbonate), lime (calcium hydroxide, calcium oxide) with large amounts of water. For an interior (inside a closed space) spill be aware that the use of soda ash and limestone will evolve carbon dioxide and that ample ventilation be provided.

### 6.4. Reference to other sections

See section 8 and 13 for further information

---

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

For precautions, see section 6.1

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

See section 3.

### 8.2. Exposure controls

#### Appropriate engineering controls

General industrial hygiene practice.

#### Personal protective equipment

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body protection



Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

|  |                   |
|--|-------------------|
| Appearance                                   | Liquid            |
| Odor   | Slight Quinoline  |
| Odor threshold                               |                   |
| pH   | 5-6               |
| Melting point/freezing point                 | No data available |
| Initial boiling point and boiling range      | No data available |
| Flash point                                  | No data available |
| Evaporation rate                             | No data available |
| Flammability (solid, gas)                    | Not flammable     |
| Upper/lower flammability or explosive limits | No data available |
| Vapor pressure                               | Same as water     |
| Vapor density                                | Same as water     |
| Relative density                             | ~1.2              |
| Water solubility                             | Miscible in water |
| Partition coefficient: n-octanol/water       | No data available |
| Auto-ignition temperature                    | No data available |
| Decomposition temperature                    | No data available |

---

**10. STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

Will not occur

**10.4. Conditions to avoid**

Extreme temperatures

**10.5. Incompatible materials**

Avoid alkalis, oxidizers or any reactive material



---

**10.6. Hazardous decomposition products**

NO<sub>x</sub>, CO<sub>x</sub> on combustion

---

**11. TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity**

None known

**Skin corrosion/irritation**

No data available.

**Serious eye damage/eye irritation**

No data available.

**Respiratory or skin sensitization**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**Specific target organ toxicity – single exposure**

No data available

**Specific target organ toxicity – repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional information**

No data available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

---

**12. ECOLOGICAL INFORMATION**

**12.1. Ecotoxicity (Aquatic and Terrestrial)**

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. Other adverse effects**

No data available

---

**13. DISPOSAL CONSIDERATIONS**

**13.1. Disposal methods**

As per Local and Federal Regulations. This material is not a solid waste when discarded into a domestic sewer according to 40 CFR 261.4. For disposal, otherwise consult your Local and Federal Regulations.

---

**14. TRANSPORT INFORMATION**

**14.1. DOT (U.S. Department of Transportation)**

|                            |               |
|----------------------------|---------------|
| UN number                  | Not Regulated |
| UN proper shipping name    | N/A           |
| Transport hazard class(es) | N/A           |
| Packing group              | N/A           |
| Reportable Quantity (RQ)   | N/A           |
| Marine Pollutant           | No            |
| Poison Inhalation Hazard   | No            |

**14.2. IMDG (International Maritime Dangerous Goods)**

|                            |               |
|----------------------------|---------------|
| UN number                  | Not Regulated |
| UN proper shipping name    | N/A           |
| Transport hazard class(es) | N/A           |
| Packing group              | N/A           |
| Marine Pollutant           | No            |

**14.3. IATA (International Air Transport Association)**

|                            |               |
|----------------------------|---------------|
| UN number                  | Not Regulated |
| UN proper shipping name    | N/A           |
| Transport hazard class(es) | N/A           |
| Packing group              | N/A           |

---

**15. REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/substance specific legislation**

|            |   |
|------------|---|
| CERCLA RQ: | No  |
| TSCA:      | All ingredients are listed on the TSCA inventory. |
| Prop 65:   | N/A   |



---

SARA 311/312: None

SARA 313 Chemicals: None

State Right to Know: Citric Acid/5949-29-1, The specific chemical identity of this product has been withheld as a trade secret./, Sodium Glucoheptonate/31138-65-5

Other information:

Please consult relevant federal and local regulations for additional details.

---

## 16. OTHER INFORMATION

### HMIS Rating

|                     |   |
|---------------------|---|
| Health hazard       | 1 |
| Flammability        | 0 |
| Physical hazard     | 0 |
| Personal protection | C |

### NFPA Rating

|                   |     |
|-------------------|-----|
| Health hazard     | N/A |
| Fire hazard       | N/A |
| Reactivity hazard | N/A |
| Specific hazard   | N/A |

### User's Responsibility:

The information and recommendations contained herein cannot cover all possible situations that the user may experience during processing. Each aspect of your operation should be examined to determine, if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operations.

### Disclaimer of Liability:

As the conditions and methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.

### Preparation Information

WET International  
316 Roma Jean Parkway  
Streamwood, IL 60107  
(630) 540-2113

Revision Date: 6/22/2015

Print Date: 6/22/2015



**WET** International Inc.

316 Roma Jean Pkwy, Streamwood, IL 60107  
tel: 630-540-2113 • fax: 630-540-2117  
[www.wet-international.com](http://www.wet-international.com) • [info@wet-international.com](mailto:info@wet-international.com)

---

SAFETY DATA SHEET  
Revision date: 6/22/2015  
Print date: 6/22/2015