

# GT IRON EATER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Identification

Product form : Mixture  
Product name : GT IRON EATER  
Product code : GT16902, GT16932, GT16901, GT16905

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

Use of the substance/mixture : Metallic contaminant / pollution remover

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

Gliptone Manufacturing Inc.  
1740 Julia Goldbach Avenue  
Ronkonkoma, NY 11779 - United States of America  
T 1-631-285-7250 - F 1-631-589-5487  
[www.gliptone.com](http://www.gliptone.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300 International: 1-703-527-3887

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Skin Irrit. 2 H315 - Causes skin irritation  
Skin Sens. 1 H317 - May cause an allergic skin reaction

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
Precautionary statements (GHS-US) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash ... thoroughly after handling  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 - If on skin: Wash with plenty of water/...  
P321 - Specific treatment (see ... on this label)  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of contents/container to ...

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

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Name	Product identifier	%	Classification (GHS-US)
Inorganic Saline Solution*	(CAS No) Trade Secret*	15 – 30	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
Alkyl Quaternary Ammonium Bentonite	(CAS No) 68953-58-2	5 – 20	Acute Tox. 4 (Oral), H302

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if irritation persists.
- First-aid measures after skin contact : Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothes. Obtain medical attention if irritation persists. Wash clothing before re-using.
- First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Immediately flush eyes thoroughly with water for at least 15 minutes. Obtain medical attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Drink two glasses of water. Obtain medical attention. Never give anything by mouth to an unconscious person.

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

- Symptoms/injuries after skin contact : Can occur: skin irritation.
- Symptoms/injuries after eye contact : May cause eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

- Fire hazard : The product is not flammable.
- Explosion hazard : Under fire conditions closed containers may rupture or explode.
- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Move containers away from the fire area if this can be done without risk. Apply water spray or fog to cool nearby equipment.
- Other information : Hazardous combustion products. On combustion, forms: carbon oxides (CO and CO<sub>2</sub>). Hydrogen sulfide. nitrogen oxides (NO<sub>x</sub>) and sulphur oxides. Combustion produces irritating gases.

## SECTION 6: Accidental release measures

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

- General measures : Keep public away.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Use chemically protective clothing.
- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

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

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|-------------------------|--|
| For containment         | : Eliminate ignition sources. Ventilate well. Stop leak without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into inert absorbent material.                              |
| Other information       | : Dispose of materials or solid residues at an authorized site.                    |

### 6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Harmful liquid.   |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. Keep away from heat. Keep away from oxidizing agents. Keep container closed when not in use. |
| Hygiene measures                  | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.  |

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

- |                            |   |
|----------------------------|---|
| Storage conditions         | : Store locked up. Store in a well-ventilated place. Keep cool. No smoking.           |
| Special rules on packaging | : <u>Always keep in containers made of the same material as the supply container.</u> |

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

- |                                  |   |
|----------------------------------|---|
| Appropriate engineering controls | : Ensure good ventilation of the work station.  |
| Hand protection                  | : Protective gloves.  |
| Eye protection                   | : Safety glasses. Contact lenses should not be worn.  |
| Skin and body protection         | : Wear suitable protective clothing. Wear long sleeves. Impermeable protective gloves. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. |
| Respiratory protection           | : In case of insufficient ventilation, wear suitable respiratory equipment.   |
| Environmental exposure controls  | : Avoid release to the environment.   |
| Consumer exposure controls       | : Do not breathe vapors. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not eat, drink, or smoke during work. Always wash hands after handling the product.                   |

## SECTION 9: Physical and chemical properties

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

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|---|--|
| Physical state                              | : Liquid   |
| Color                                       | : Mixture contains one or more component(s) which have the following colour(s): Colourless |
| Odor  | : Decaying Food - Offensive  |
| Odor threshold                              | : No data available  |
| pH  | : 7.5-8  |
| Melting point                               | : Not applicable   |
| Freezing point                              | : 98   |
| Boiling point                               | : > 100 °C   |
| Flash point                                 | : 98 °C  |
| Relative evaporation rate (butyl acetate=1) | : No data available  |
| Flammability (solid, gas)                   | : No data available  |
| Explosion limits                            | : No data available  |
| Explosive properties                        | : No data available  |
| Oxidizing properties                        | : No data available  |
| Vapor pressure                              | : No data available  |
| Relative density                            | : 1.02   |
| Relative vapor density at 20 °C             | : No data available  |

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Solubility	: completely soluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

### 9.2. Other information

VOC content	: < 5 %
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Keep away from: acids, bases and oxidation agents. Not compatible with non-coated metals or alloys. Non-coated metal materials should not be used in handling systems or storage containers for this product.

### 10.6. Hazardous decomposition products

Ammonia, Sulfuric gases, Inorganic oxides

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Likely routes of exposure : Skin and eyes contact.; Inhalation; Ingestion.

Acute toxicity : Not classified

#### Alkyl Quaternary Ammonium Bentonite

LD50 oral rat	1378 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
ATE US (oral)	1378.000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

pH: 7.5

Serious eye damage/irritation : Not classified

pH: 7.5

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after skin contact : Can occur: skin irritation.

Symptoms/injuries after eye contact : May cause eye irritation.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Do not discharge into drains or the environment. Do not discharge into surface water.

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

##### Alkyl Quaternary Ammonium Bentonite

Bioaccumulative potential	No bioaccumulation data available.
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#### 12.4. Mobility in soil

#### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated as dangerous goods or hazardous material.

#### TDG

Not regulated as dangerous goods or hazardous material.

#### Transport by sea

Not regulated as dangerous goods or hazardous material.

#### Air transport

Not regulated as dangerous goods or hazardous material.

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

##### Alkyl Quaternary Ammonium Bentonite

EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
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#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

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### National regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

## SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA health hazard

: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



HMIS III Rating

- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 0 Minimal Hazard - Materials that will not burn
- Physical : 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.
- Personal Protection : B  
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*