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

1.1. Product identifier

|  |  |  |
| --- | --- | --- |
| Product name | : | Hot Dip Galvanized Product |

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

1.3. Details of the supplier of the safety data sheet

Gregory Galvanizing & Metal Processing  
1218 15th Street SW   
Canton, Ohio 44706  
T 330-455-5501 - F 330-454-9524   
[www.gregorycorp.com](file:///\\Hzwfp1\hzw\2019\H19006\SDS\www.gregorycorp.com)

1.4. Emergency telephone number

|  |  |  |
| --- | --- | --- |
| Emergency number | : | Chemtrec 800-424-9300 |

# SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

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

| **Name** | **Product identifier** | **%** | **GHS-US classification** |
| --- | --- | --- | --- |
| Iron | (CAS No) 1309-37-1 | >= 92.07 | Not classified |
| Zinc | (CAS No) 7440-66-6 | <= 7 | Not classified |
| Manganese | (CAS No) 7439-96-5 | >= 0.2325 | Not classified |
| Carbon | (CAS No) 7440-44-0 | >= 0.0744 | Not classified |
| Sulfur | (CAS No) 7704-34-9 | >= 0.0465 | Skin Irrit. 2, H315 |
| Iron alloy, base, Fe,P (ferrophosphorus) | (CAS No) 8049-19-2 | >= 0.0372 | Not classified |
| Aluminium | (CAS No) 7429-90-5 | <= 0.0126 | Aquatic Chronic 1, H410 |
| Lead | (CAS No) 7439-92-1 | <= 0.0014 | Carc. 1B, H350 |

Full text of H-phrases: see section 16

# SECTION 4: First aid measures

4.1. Description of first aid measures

|  |  |  |
| --- | --- | --- |
| First-aid measures general | : | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : | Allow victim to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | : | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact | : | Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion | : | Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

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

|  |  |  |
| --- | --- | --- |
| Symptoms/injuries | : | Not expected to present a significant hazard under anticipated conditions of normal use. |

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

No additional information available

# SECTION 5: Firefighting measures

5.1. Extinguishing media

|  |  |  |
| --- | --- | --- |
| Suitable extinguishing media | : | Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : | Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

|  |  |  |
| --- | --- | --- |
| Fire hazard | : | Zinc powder can be a flammable solid in elemental form. |

5.3. Advice for firefighters

|  |  |  |
| --- | --- | --- |
| Firefighting instructions | : | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : | Do not enter fire area without proper protective equipment, including respiratory protection. |

# SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

|  |  |  |
| --- | --- | --- |
| Emergency procedures | : | Evacuate unnecessary personnel. |

6.1.2. For emergency responders

|  |  |  |
| --- | --- | --- |
| Protective equipment | : | Equip cleanup crew with proper protection. |
| Emergency procedures | : | Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

# SECTION 7: Handling and storage

7.1. Precautions for safe handling

|  |  |  |
| --- | --- | --- |
| Precautions for safe handling | : | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |

7.2. Conditions for safe storage, including any incompatibilities

|  |  |  |
| --- | --- | --- |
| Incompatible products | : | Strong bases. Strong acids. |

7.3. Specific end use(s)

No additional information available

# SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| **Hot Dipped Galvanized Product** | |
| --- | --- |
| ACGIH | Not applicable |
| OSHA | Not applicable |

| **Iron (1309-37-1)** | | |
| --- | --- | --- |
| ACGIH | ACGIH TWA (mg/m³) | 5 mg/m³ |
| ACGIH | Remark (ACGIH) | Pneumoconiosis |
| OSHA | OSHA PEL (TWA) (mg/m³) | 10 mg/m³ |

| **Carbon (7440-44-0)** | |
| --- | --- |
| ACGIH | Not applicable |
| OSHA | Not applicable |

| **Manganese (7439-96-5)** | | |
| --- | --- | --- |
| ACGIH | ACGIH TWA (mg/m³) | 0.02 mg/m³ (respirable fraction) 0.1 mg/m³ (inhalable fraction) |
| OSHA | OSHA PEL (Ceiling) (mg/m³) | 5 mg/m³ (fume) |

| **Iron alloy, base, Fe,P (ferrophosphorus) (8049-19-2)** | |
| --- | --- |
| ACGIH | Not applicable |
| OSHA | Not applicable |

| **Sulfur (7704-34-9)** | |
| --- | --- |
| ACGIH | Not applicable |
| OSHA | Not applicable |

| **Zinc (7440-66-6)** | | |
| --- | --- | --- |
| ACGIH | ACGIH TWA (mg/m³) | 10 |
| OSHA | OSHA PEL (TWA) (mg/m³) | 15 |

| **Aluminium (7429-90-5)** | | |
| --- | --- | --- |
| ACGIH | ACGIH TWA (mg/m³) | 1 mg/m³ |
| ACGIH | Remark (ACGIH) | Pneumoconiosis; LRT irr |
| OSHA | OSHA PEL (TWA) (mg/m³) | TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp) |

| **Lead (7439-92-1)** | | |
| --- | --- | --- |
| ACGIH | ACGIH TWA (mg/m³) | 0.05 mg/m³ |
| OSHA | OSHA PEL (TWA) (mg/m³) | 50 µg/m³ |

8.2. Exposure controls

|  |  |  |
| --- | --- | --- |
| Personal protective equipment | : | Avoid all unnecessary exposure. For operations which result in elevating the temperature of the product to or above its melting point or results in the generation of airborne particles, use protective clothing, impervious footwear, protective gloves and safety glasses. |
| Hand protection | : | Protective gloves should be worn as required for welding, burning and handling operations. Do not wear gloves or protective clothing that is saturated with oil coating. |
| Eye protection | : | Use of safety glasses, or protective googles as required of welding, burning sawing, brazing, grinding or machining operations. Contact lenses should not be worn where industrial exposures to this material are likely. |
| Respiratory protection | : | Seek professional advice to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a NOISH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination and presence of oxygen. |
| Other information | : | Do not eat, drink or smoke during use. Wash exposed skin with soap and water. If eyes are exposed flush with clear water. |

# SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

|  |  |  |
| --- | --- | --- |
| Physical state | : | Solid |
| Color | : | Dark gray, Gray, Light gray |
| Odor | : | None |
| Odor threshold | : | No data available |
| pH | : | No data available |
| Relative evaporation rate (butyl acetate=1) | : | No data available |
| Melting point | : | No data available |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Vapor pressure | : | No data available |
| Relative vapor density at 20 °C | : | No data available |
| Relative density | : | No data available |
| Solubility | : | Water: Solubility in water of component(s) of the mixture : • : 0.0 mg/l • : |
| Log Pow | : | No data available |
| Log Kow | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |
| Explosion limits | : | No data available |

9.2. Other information

No additional information available

# SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. May release flammable gases.

# SECTION 11: Toxicological information

11.1. Information on toxicological effects

|  |  |  |
| --- | --- | --- |
| Acute toxicity | : | Not classified |

| **Iron (1309-37-1)** | |
| --- | --- |
| LD50 oral rat | > 10000 mg/kg |

| **Carbon (7440-44-0)** | |
| --- | --- |
| LD50 oral rat | > 10000 mg/kg |

| **Manganese (7439-96-5)** | |
| --- | --- |
| LD50 oral rat | 9 g/kg |
| ATE US (oral) | 9000.000 mg/kg body weight |

| **Sulfur (7704-34-9)** | |
| --- | --- |
| LD50 oral rat | > 3000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | > 9.23 mg/l/4h |

|  |  |  |
| --- | --- | --- |
| Skin corrosion/irritation | : | Not classified |
| Serious eye damage/irritation | : | Not classified |
| Respiratory or skin sensitization | : | Not classified |
| Germ cell mutagenicity | : | Not classified |
| Carcinogenicity | : | Not classified |

| **Iron (1309-37-1)** | |
| --- | --- |
| IARC group | 3 - Not classifiable |

| **Lead (7439-92-1)** | |
| --- | --- |
| IARC group | 2A - Probably carcinogenic to humans |
| National Toxicology Program (NTP) Status | 3 - Reasonably anticipated to be Human Carcinogen |

|  |  |  |
| --- | --- | --- |
| Reproductive toxicity | : | Not classified |
| Specific target organ toxicity (single exposure) | : | Not classified |

|  |  |  |
| --- | --- | --- |
| Specific target organ toxicity (repeated exposure) | : | Not classified |

|  |  |  |
| --- | --- | --- |
| Aspiration hazard | : | Not classified |
| Potential Adverse human health effects and symptoms | : | Based on available data, the classification criteria are not met. |

# SECTION 12: Ecological information

12.1. Toxicity

| **Sulfur (7704-34-9)** | |
| --- | --- |
| LC50 fish 1 | 866 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) |
| LC50 fish 2 | < 14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |

| **Zinc (7440-66-6)** | |
| --- | --- |
| LC50 fish 1 | 2.16 - 3.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 0.139 - 0.908 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| LC50 fish 2 | 0.211 - 0.269 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static]) |

| **Aluminium (7429-90-5)** | |
| --- | --- |
| LC50 fish 1 | 0.12 ml/l Oncorhynchus mykiss (rainbow trout)-48 hours |
| LOEC (acute) | 0.1 mg/l Ctenopharyngodon idella- 96 hours |

| **Lead (7439-92-1)** | |
| --- | --- |
| LC50 fish 1 | 0.44 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static]) |
| EC50 Daphnia 1 | 600 μg/l (Exposure time: 48 h - Species: water flea) |
| LC50 fish 2 | 1.17 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |

12.2. Persistence and degradability

| **Hot Dipped Galvanized Product** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Iron (1309-37-1)** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Carbon (7440-44-0)** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Manganese (7439-96-5)** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Iron alloy, base, Fe,P (ferrophosphorus) (8049-19-2)** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Sulfur (7704-34-9)** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Zinc (7440-66-6)** | |
| --- | --- |
| Persistence and degradability | Not established. |

| **Aluminium (7429-90-5)** | |
| --- | --- |
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| **Hot Dipped Galvanized Product** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Iron (1309-37-1)** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Carbon (7440-44-0)** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Manganese (7439-96-5)** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Iron alloy, base, Fe,P (ferrophosphorus) (8049-19-2)** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Sulfur (7704-34-9)** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Zinc (7440-66-6)** | |
| --- | --- |
| Bioaccumulative potential | Not established. |

| **Aluminium (7429-90-5)** | |
| --- | --- |
| BCF fish 1 | 0.268 mg/l Salvelinus fontinalis - 56 d |
| Bioconcentration factor (BCF REACH) | 36 |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

|  |  |  |
| --- | --- | --- |
| Effect on ozone layer | : |  |

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

|  |  |  |
| --- | --- | --- |
| Other information | : | Avoid release to the environment. |

# SECTION 13: Disposal considerations

13.1. Waste treatment methods

|  |  |  |
| --- | --- | --- |
| Waste disposal recommendations | : | Dispose in a safe manner in accordance with local/national regulations. |
| Additional information | : | Handle empty containers with care because residual vapors are flammable. |
| Ecology - waste materials | : | Avoid release to the environment. |

# SECTION 14: Transport information

In accordance with DOT

Not evaluated.

Additional information

|  |  |  |
| --- | --- | --- |
| Other information | : | No supplementary information available. |

ADR

Not evaluated.

Transport by sea

Not evaluated.

Air transport

Not evaluated.

# SECTION 15: Regulatory information

15.1. US Federal regulations

| **Iron (1309-37-1)** |
| --- |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Carbon (7440-44-0)** |
| --- |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Manganese (7439-96-5)** | |
| --- | --- |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 313 - Emission Reporting | 1.0 % |

| **Sulfur (7704-34-9)** |
| --- |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Zinc (7440-66-6)** | |
| --- | --- |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 313 - Emission Reporting | 1.0 % (dust or fume only) |

| **Lead (7439-92-1)** | |
| --- | --- |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| SARA Section 313 - Emission Reporting | 0.1 % |

15.2. International regulations

CANADA

| **Iron (1309-37-1)** | |
| --- | --- |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

| **Carbon (7440-44-0)** | |
| --- | --- |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

| **Manganese (7439-96-5)** | |
| --- | --- |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |

| **Sulfur (7704-34-9)** | |
| --- | --- |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class B Division 4 - Flammable Solid |

| **Zinc (7440-66-6)** |
| --- |
| Listed on the Canadian DSL (Domestic Substances List) |

| **Lead (7439-92-1)** | |
| --- | --- |
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |

EU-Regulations

| **Iron (1309-37-1)** |
| --- |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| **Carbon (7440-44-0)** |
| --- |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| **Manganese (7439-96-5)** |
| --- |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| **Sulfur (7704-34-9)** |
| --- |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| **Zinc (7440-66-6)** |
| --- |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| **Lead (7439-92-1)** |
| --- |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

| **Iron (1309-37-1)** |
| --- |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals)  Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) |

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| **Carbon (7440-44-0)** |
| --- |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals)  Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) |

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| **Manganese (7439-96-5)** |
| --- |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals)  Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) |

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| **Iron alloy, base, Fe,P (ferrophosphorus) (8049-19-2)** |
| --- |
| Listed on NZIoC (New Zealand Inventory of Chemicals) |

\

| **Sulfur (7704-34-9)** |
| --- |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals)  Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) |

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| **Zinc (7440-66-6)** |
| --- |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals)  Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) |

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| **Lead (7439-92-1)** |
| --- |
| Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals)  Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) |

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15.3. US State regulations

|  |  |
| --- | --- |
|  |  |

| **Lead (7439-92-1)** | | | | |
| --- | --- | --- | --- | --- |
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes | Yes | Yes | Yes | 15 µg/day |

| **Iron (1309-37-1)** |
| --- |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |

| **Manganese (7439-96-5)** |
| --- |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List |

| **Sulfur (7704-34-9)** |
| --- |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |

| **Zinc (7440-66-6)** |
| --- |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List |

| **Lead (7439-92-1)** |
| --- |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List |

# SECTION 16: Other information

|  |  |  |
| --- | --- | --- |
| Other information | : | The European Union’s Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) regulation requires substances manufactured within or imported into the European Community to be registered by the manufacturer or importer. Although substances in articles are exempt from registration, substances in articles that are listed on the European Chemical Agency’s (ECHA) list of Substances of Very High Concern (SVHC) must be notified. The product represented by this safety data sheet (SDS) is an article. All known substances contained in this article have been compared to the SVHC list as of the date of this SDS. As of the date of this SDS this product contains no known substances on ECHA’s SVHC list. Also, with respect to REACH, although an article, this product may include a protective surface treatment residue that is not part of the original article, whose substance(s) would have to be registered under REACH prior to importation into the European Community. Gregory Industries has not registered these substance(s) under REACH and does not intend to establish an only-representative in order to do so. Please contact Gregory Industries if you need additional information in order to register the substance(s) contained in the surface treatment with the European Union. Regarding the European Union’s Restriction of Hazardous Substances (RoHS) in electronics regulations, this product may contain substances that are restricted under this rule. However, the product represented by this SDS is not an electronic device, thus compliance with the RoHS rule is not applicable to this product. |

|  |  |  |
| --- | --- | --- |
| Full text of H-phrases: | | |
| ------ | Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| ------ | Carc. 1B | Carcinogenicity Category 1B |
| ------ | Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| ------ | H315 | Causes skin irritation |
| ------ | H350 | May cause cancer |
| ------ | H410 | Very toxic to aquatic life with long lasting effects |

GHS US SDS

*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*