



# SAFETY DATA SHEET

## 1. Identification

**Product Identifier** Hercules Sizzle  
**Other means of identification**  
**Product code** 7340E  
**Synonyms** Part Numbers: 20305, 20310  
**Recommended use** Drain opener and hard surface descaler  
**Recommended restrictions** Do not mix with caustic materials or bleach  
**Manufacturer/Importer/Supplier/Distributor information**  
**Company Name** HCC Holdings, Inc. an Oatey Affiliate  
**Address** 4700 West 160th Street  
Cleveland, OH 44135  
**Telephone** 216-267-7100  
**E-mail** info@oatey.com  
**Transport Emergency** Chemtrec 1-800-424-9300 (Outside the US 1-703-527-3887)  
**Emergency First Aid** 1-877-740-5015  
**Contact person** MSDS Coordinator

## 2. Hazard(s) Identification

**Physical hazards** Not Classified.  
**Health hazards** Acute Toxicity (Oral) Cat 4  
Skin Corrosion/Irritation Cat 1B  
Eye Damage/Irritation Cat 1  
STOT-SE (Respiratory irritation) Cat 3  
Corrosive to Metals 1  
**OSHA defined hazards** This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

### Label elements

#### Hazard symbol



#### Signal word

Danger

#### Hazard statement

Harmful if swallowed. Causes severe skin burns and serious eye damage.  
May cause respiratory irritation. May be corrosive to metals.

#### Precautionary statement Prevention

Do not breathe fume/mist/vapors/spray.  
Wash hands, face and any skin contact thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not eat, drink or smoke when using this product.  
Keep only in original container. Absorb spillage to prevent material damage.  
Use only in a well-ventilated area.

#### Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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.

|                                           |                                                                                                                                                                      |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage                                   | See 4. First-Aid Measures for specific treatment.<br>Store locked up in corrosive resistant container, in a well-ventilated place.<br>Keep container tightly closed. |
| Disposal                                  | Dispose of contents/container to an approved disposal facility.                                                                                                      |
| Hazard(s) not otherwise classified (HNOC) | None.                                                                                                                                                                |

### 3. Composition/Information on Ingredients

#### Mixtures

The product contains no substances which at their given concentration, are considered to be hazardous to health.

| Chemical name                                 | CAS number | %       |
|-----------------------------------------------|------------|---------|
| Hydrochloric acid                             | 7647-01-0  | 20 - 25 |
| Water                                         | 7732-18-5  | 75 - 80 |
| Other non-hazardous ingredients not specified |            | < 1     |

### 4. First-aid measures

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General             | Causes burns on contact. Harmful if swallowed. Causes severe skin burns and serious eye damage. May cause respiratory irritation. Have product container/label with you when calling poison control center/doctor, or going for treatment.                                                                                                                                                                                                 |
| Inhalation          | Remove person to fresh air and keep comfortable for breathing. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth to an unconscious person. If respiratory irritation, dizziness, or unconsciousness occurs, seek immediate medical assistance.                                                                                                                          |
| Skin contact        | Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.                                                                                                                                                                                                                                                             |
| Eye contact         | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.                                                                                                                                                                                                                  |
| Ingestion           | Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage. |
| General information | Note to physician, treat symptomatically.                                                                                                                                                                                                                                                                                                                                                                                                  |

### 5. Fire-fighting measures

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.                                                                                                                                                                                                                                                                      |
| Unsuitable extinguishing media                                | Do not use water in a jet.                                                                                                                                                                                                                                                                                                                                                          |
| Specific hazards arising from the chemical                    | No information available.                                                                                                                                                                                                                                                                                                                                                           |
| Special protective equipment and precautions for firefighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                                                                                                                                                                                                                 |
| Fire fighting equipment/instructions                          | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Specific methods                                              | None.                                                                                                                                                                                                                                                                                                                                                                               |
| General fire hazards                                          | None.                                                                                                                                                                                                                                                                                                                                                                               |

### 6. Accidental release measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Depending on the extent of release, consider the need for emergency responders with adequate personal protective equipment for clean-up, need for evacuation or restriction of access to spill area.<br>Personal Precautions: Provide adequate ventilation. Do not eat, drink or smoke during clean up. If necessary, use self-contained respirator, or filtered mask. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.<br>Small spills may be wiped up and rinsed with water. For larger spills, neutralize with sodium |
| Methods and materials for                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |



containment and cleaning up

carbonate or absorb on inert material (e.g. sand). Pick up absorbent and dispose of at an appropriate waste disposal facility.

Environmental precautions

Prevent spills from entering storm sewers/drains or contact with soil.

## 7. Handling and storage

Precautions for safe handling

Never use with chlorine products. Can react to give chlorine gas. If this occurs, flush toilet to remove chemicals and leave area. Do not return for half hour. Ventilate if possible. Never use or mix with other cleaners or chemicals. Do not use on any surface that can be damaged by acid materials. Do not breathe mist/vapors. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor. Provide adequate ventilation in use. Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed, original, corrosive resistant container in a cool (10° - 30°C), dry, well-ventilated area. Incompatible with alkali materials.

Conditions for safe storage, including any incompatibilities

## 8. Exposure controls/personal protection

Occupational exposure limits

Exposure Limits

Components

Type

Value

Hydrochloric Acid

ACGIH - TWA

2 ppm (C)

OSHA - PEL

5 ppm (C)

Biological limit values

Data Not available.

Appropriate engineering controls

Proper ventilation in accordance with good industrial hygiene should be provided.

Individual protection measures, such as personal protective equipment

Eye/face protection

Chemical resistant goggles and face protection.

Skin protection

Hand

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Other

Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

Respiratory protection

Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an approved cartridge style respirator.

Thermal hazards

None.

General hygiene considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. Physical and chemical properties

Appearance

Physical state

Liquid

Form

Liquid

Color

Yellow to light amber

Odor

Pungent

Odor threshold

Not available.

pH

<1 Neat

Melting point/freezing point

<-40 °F

Initial boiling point and boiling range

195 °F

Flash point

None

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available

Flammability limit - upper (%)

Not available

Explosive limit - lower (%)

Not available

Explosive limit - upper (%)

Not available

Vapor pressure

Not available

Vapor density

Not available

Hercules Sizzle

SDS #7340E Version #: 01 Revision date: Issue date: 12-May-2015

SDS US  
Page 3 of 6

|                                            |                           |
|--------------------------------------------|---------------------------|
| Relative density                           | 1.12                      |
| Solubility(ies)                            |                           |
| Solubility (water)                         | Completely soluble.       |
| Partition coefficient<br>(n-octanol/water) | Not determined.           |
| Auto-ignition temperature                  | Not applicable            |
| Decomposition temperature                  | Not available             |
| Viscosity, kinematic                       | Not determined/           |
| Other information                          |                           |
| VOC (Weight %)                             | < 0.1% by weight, < 1 g/L |

## 10. Stability and reactivity

|                                   |                                                                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                        | No specific reactivity test data is available. Under normal conditions of storage and use, hazardous reactions are not expected. |
| Chemical stability                | The product is stable.                                                                                                           |
| Possibility of hazardous reaction | Under normal conditions of storage and use, hazardous reactions will not occur.                                                  |
| Conditions to avoid               | Contact with incompatible materials.                                                                                             |
| Incompatible materials            | Mixing with bleach, alkali, or oxidizers may generate toxic gases.                                                               |
| Hazardous decomposition products  | Hydrogen chloride                                                                                                                |

## 11. Toxicological information

**Acute Toxicity:** Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

| Test                   | Results     | Classification (A 0.4 1(c)) | Basis (A 1.3.6 1)                        |
|------------------------|-------------|-----------------------------|------------------------------------------|
| Oral                   | > 350mg/kg  | Category 4                  | Ingredient literature (Additive formula) |
| Dermal                 | > 2000mg/kg | Not applicable              | Ingredient literature (Additive formula) |
| Inhalation             | > 20 mg/L   | Not applicable              | Ingredient literature (Additive formula) |
| Eye Damage/Irritation  | Corrosion   | Category 1                  | Ingredient literature                    |
| Skin Damage/Irritation | Corrosion   | Category 1B                 | Ingredient literature                    |

**Summary:** Skin and eye contact are most likely routes of exposure. Exposure causes skin burns and serious eye damage. May cause respiratory tract irritation.

**Subchronic/Chronic Toxicity:**

| Test               | Results          | Classification | Basis                  |
|--------------------|------------------|----------------|------------------------|
| Skin Sensitization | Not a sensitizer | Not applicable | Ingredient literature. |

**Summary:** Repeated or prolonged contact causes skin burns and eye damage. May cause respiratory tract irritation.

**Carcinogens** - Ingredients are not listed on the NTP Report on Carcinogens, \*IARC Monographs or by OSHA

\*IARC does list "strong inorganic acid mists" as carcinogenic, but under normal conditions, no exposure to acid mists occurs. Acid solutions are not listed.

**Other data** - No other toxicological information is available for this mixture.

## 12. Ecological Information

**Ecotoxicity**

| Product/Ingredient name       | Results                                                                                                                                                                                                        | Species | Exposure |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| Persistence and degradability | Material is not persistent. All organic components > 1% are readily biodegradable.                                                                                                                             |         |          |
| Bio accumulative potential    | No evidence to suggest bio-accumulation will occur.                                                                                                                                                            |         |          |
| Mobility in soil              | Accidental spillage may lead to penetration of soil and groundwater. However, due to degradability, no evidence suggests this would cause adverse ecological effects. Material will lower pH of affected area. |         |          |
| Other adverse effects         | No known significant effects of critical hazards.                                                                                                                                                              |         |          |

### 13. Disposal considerations

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal instructions      | Do not contaminate water, food or feed by disposal. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash. |
| Local disposal regulations | See above                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Hazardous waste code       | RCRA Class D002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### 14. Transportation information

#### DOT

|                               |                            |
|-------------------------------|----------------------------|
| UN number                     | UN1789                     |
| UN Proper Shipping Name       | Hydrochloric acid solution |
| Transportation Hazard classes | 8                          |
| Packing group                 | II                         |
| Hazard Label:                 | Corrosive                  |

#### IATA

|                               |                            |
|-------------------------------|----------------------------|
| UN number                     | UN1789                     |
| UN Proper Shipping Name       | Hydrochloric acid solution |
| Transportation Hazard classes | 8                          |
| Packing group                 | II                         |

#### IMDG

|                               |                                   |
|-------------------------------|-----------------------------------|
| UN number                     | UN1789                            |
| UN Proper Shipping Name       | Hydrochloric acid solution        |
| Transportation Hazard classes | 8                                 |
| Packing group                 | II                                |
| Environmental hazards         | RQ - 5000 lbs (Hydrochloric acid) |
| Marine pollutant              | No                                |

### 15. Regulatory information

**Inventory status:** All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia), ENCS(Japan).

**OSHA Hazard Communication Standard:** This product meets the §1910.1200 definition of a "Hazardous Chemical".  
**Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312**

|                                   |     |
|-----------------------------------|-----|
| Immediate (Acute) Health Hazard   | Yes |
| Delayed (Chronic) Health Hazard   | No  |
| Fire Hazard                       | No  |
| Reactive Hazard                   | No  |
| Sudden Release of Pressure Hazard | No  |

**Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313**

\*Chemicals marked with an asterisk in "3. Composition/Information on Ingredients" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372, Pennsylvania/New Jersey/Massachusetts Right to Know

See "3. Composition/ Information on Ingredients" for hazardous and top five ingredients over 1%.

**California Proposition 65:** This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

### 16. Other information, including date of preparation or last revision

|               |                                                     |
|---------------|-----------------------------------------------------|
| Issue Date    | 12-May-2015                                         |
| Revision Date | -                                                   |
| Version #     | 01                                                  |
| HMS Rating    | Health: 1<br>Flammability: 1<br>Physical Hazards: 0 |



## Disclaimer

HCC Holdings Inc. an Oatey Affiliate cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.