



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.

Store locked up in corrosive resistant container, in a well-ventilated place.

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.

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.

Methods and materials for

Small spills may be wiped up and rinsed with water. For larger spills, neutralize with sodium

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.

Conditions for safe storage, including any incompatibilities

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.

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
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Odor threshold	Not available.
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pH	<1 Neat
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Melting point/freezing point	<-40 °F
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Initial boiling point and boiling range	195 °F
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Flash point	None
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Upper/lower flammability or explosive limits

Flammability limit – lower (%)	Not available
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Flammability limit – upper (%)	Not available
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Explosive limit - lower (%)	Not available
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Explosive limit - upper (%)	Not available
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Vapor pressure	Not available
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Vapor density	Not available
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Relative density	1.12
Solubility(ies)	
Solubility (water)	Completely soluble.
Partition coefficient (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
HMIS Rating	Health: 1 Flammability: 1 Physical Hazards: 0

Disclaimer

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