



COMPLETE CLEANING SOLUTIONS

# SAFETY DATA SHEET

ACP-244 – Sure Foot Concentrated Cleaner / Degreaser

Date: 08/14/2024

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Sure Foot Concentrated Cleaner / Degreaser

### Other Means of Identification

**Product Code** ACP-244

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Cleaning & degreasing quarry tile and concrete floors.

### Details of the Supplier of the Safety Data Sheet

**Manufacturer Address** Arrow Chemical Products, Inc.  
5933 W. KL Ave  
Kalamazoo, MI 49009

### Emergency Telephone Number

**Company Phone Number** 313-237-0277  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 1 Sub-category C
Serious Eye Damage/Eye Irritation	Category 1

**Signal Word** DANGER

### Hazard Statements

Harmful if inhaled  
May cause severe skin irritation and eye damage



**Appearance:** Light colored liquid

**Physical State:** Liquid

**Odor:** Acid

**Precautionary Statements - Prevention**

Use only outdoors or in a well-ventilated area  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Do not taste or swallow

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
**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  
**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician  
**IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Seek medical attention.

**Precautionary Statements - Storage**

Store locked up. Keep lid tightly closed when not in use. Store in upright position.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local, state, and federal regulations. .

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Benzenesulfonic Acid	68584-22-5	0 – 15
Alcohols ethoxylated	68439-46-3	0 – 15
Glycolic Acid	79-14-1	0 - 10
Hydrogen Chloride	7647-01-0	0 - 5

**4. FIRST AID MEASURES**

**First Aid Measures**

- Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical attention/advice.
- Eye Contact** Flush material out immediately with large amounts of water for at least 15 minutes, holding eye lids apart to insure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention immediately.
- Ingestion** Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Drink 1-2 glasses of water. If vomiting occurs spontaneously, keep airway clear. Get medical attention immediately.
- Skin Contact** Immediately remove contaminated clothing and flush affected areas with plenty of water for at least 15 minutes. Wash contaminated clothing before reuse. Get medical attention immediately.

**Most Important Symptoms and Effects, both Acute and Delayed**

- Symptoms** Irritating to all body tissues by all routes of exposure. The effect of local dermal exposure may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis. Similarly, inhalation of dust, spray or mist may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians** Treat symptomatically. Exposure may aggravate medical conditions such as asthma, lung disease, and skin disorders.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Foam, carbon dioxide or dry chemical may be used in areas where this product is stored.

**Unsuitable Extinguishing Media** Water jet. (Use water fog or spray)

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritation and toxic gasses and vapors.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Wear protective clothing as required. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wear appropriate personal protective equipment. Wash face, hands, and any exposed skin thoroughly after handling. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep locked up and out of reach of children. Storage temperature should be between 50°F - 120°F.

**Incompatible Materials** Strong alkalis. Most metals. Bleach.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Chloride 7647-01-0	Ceiling: 2 ppm	Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>

**Appropriate Engineering Controls**

**Engineering Controls** Good general room ventilation should be adequate under normal conditions. Maintain eye wash and safety shower.

**Individual Protection Measures, such as Personal Protective Equipment**

- Eye/Face Protection** Chemical safety goggles/face shield.
- Skin and Body Protection** Wear protective gloves and protective clothing. Rubber or PVC (gloves and boots).
- Respiratory Protection** No special equipment normally needed.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Acid
<b>Appearance</b>	Light colored liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Light colored		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	< 1		
Melting Point/Freezing Point	Not applicable		
Boiling Point/Boiling Range	Not determined		
Flash Point	Not applicable		
Evaporation Rate	1	Water = 1	
Flammability (Solid, Gas)	Not applicable		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not applicable		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.015		
Water Solubility	Completely soluble		
Solubility in Other Solvents	Not determined		
Partition Coefficient	Not determined		
Auto ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Reacts with metals to form hydrogen gas		
Oxidizing Properties	Not determined		
VOC Content (%)	Not determined		



**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzenesulfonic Acid 68584-22-5		LC50: Oncorhynchus myKiss 3 mg/l 96 h		EC50: Daphnia magna 1.9 mg/l 48 h

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

None known

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling.

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

UN1760 Corrosive Liquid, n.o.s. (Hydrochloric acid), 8, III

**IATA**

UN1760 Corrosive Liquid, n.o.s. (Hydrochloric acid), 8, III

**IMDG**

UN1760 Corrosive Liquid, n.o.s. (Hydrochloric acid), 8, III

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA**

Listed

**DSL**

Listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**

**SARA 313**

No components of this product contain chemical (s) that are subject to reporting levels established by SARA Title III, Section 313.

**CERCLA Reportable Quantity**

The following components are listed:

Chemical Name	CAS Number	CERCLA RQ
Hydrogen Chloride	7647-01-0	5000 lbs.

**US State Regulations**

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrogen Chloride 7647-01-0	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	0	0	D

**Disclaimer**

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**End of Safety Data Sheet**