

# SAFETY DATA SHEET

## CONCRETE STAIN EBONY

FILE NO.:  
DATE: 09/05/2024

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Concrete Stain Ebony  
**SYNONYMS:**  
**PRODUCT CODES:** CS-30

**MANUFACTURER:** Absolute Concrete Products  
**DIVISION:**  
**ADDRESS:** 144 S. Main St. Union, OR 97883

**EMERGENCY PHONE:** 1-800-535-5053 (24 Hour)  
**INFOTRAC PHONE:** +1-352-323-3500 or 1-800-535-5053  
**OTHER CALLS:** (541) 562-2000

### SECTION 2: HAZARDS IDENTIFICATION

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 3
Skin corrosion/irritation	Category 1
Subcategory	Sub-category B
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 1

#### EMERGENCY OVERVIEW:

##### Hazard statements

- Harmful if swallowed
- Harmful if inhaled
- Causes severe skin burns and eye damage
- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause an allergic skin reaction
- May cause genetic defects
- May cause cancer
- May damage fertility or the unborn child
- Causes damage to organs through prolonged or repeated exposure

##### Precautionary Statements - Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Do not breathe dust/fume/gas/mist/vapors/spray
- In case of inadequate ventilation wear respiratory protection
- Contaminated work clothing should not be allowed out of the workplace

##### Precautionary Statements - Storage

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

##### Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

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### POTENTIAL HEALTH EFFECTS

**EYES:** Serious eye damage/eye irritation, Category 1

**SKIN:**

Skin corrosion/irritation, Category 2  
Causes severe skin burns and eye damage  
May cause an allergic skin reaction

**INGESTION:**

Harmful if swallowed

**INHALATION:**

Harmful if inhaled

### ACUTE HEALTH HAZARDS:

0% of the mixture consists of ingredient(s) of unknown toxicity

### CHRONIC HEALTH HAZARDS:

May cause genetic defects  
May cause cancer  
May damage fertility or the unborn child  
Causes damage to organs through prolonged or repeated exposure

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May cause allergy or asthma symptoms or breathing difficulties if inhaled

### SECTION 3 NOTES:

Very toxic to aquatic life with long lasting effects  
Very toxic to aquatic life

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>Trade Secret</u>
Manganese Chloride	7773-01-5	0-25	*
Hydrochloric acid	7647-01-0	0-20	*
Sodium dichromate	10588-01-9	1-10	*
Ferrous Chloride	7758-94-3	0-25	*

### SECTION 2 NOTES:

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

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## SECTION 4: FIRST AID MEASURES

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**EYES:**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**SKIN:**

**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

**INGESTION:**

If swallowed, call a poison control center or physician immediately. Clean mouth with water and drink afterwards plenty of water.

**INHALATION:**

If fumes from reactions are inhaled, move to fresh air immediately. Call a physician or poison control center immediately.

### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Treat symptomatically.

### SECTION 4 NOTES:

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician

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## SECTION 5: FIRE-FIGHTING MEASURES

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### EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Caution: Use of water spray when fighting fire may be inefficient.

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### SPECIAL FIRE FIGHTING PROCEDURES:

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

### HAZARDOUS DECOMPOSITION PRODUCTS:

Hydrogen chloride

### SECTION 5 NOTES:

Contact with metals may evolve flammable hydrogen gas. Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Runoff may pollute waterways.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### ACCIDENTAL RELEASE MEASURES:

Keep people away from and upwind of spill/leak. Ventilate affected area. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do it without risk. Avoid contact with skin, eyes and inhalation of vapors.

Suppress gases/vapors/mists with water spray jet.

### CONTAINMENT:

Dike far ahead of liquid spill for later disposal. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

### CLEAN-UP:

Pick up and transfer to properly labeled containers.

### SECONDARY HAZARDS:

Clean contaminated objects and areas thoroughly observing environmental regulations.

### SECTION 6 NOTES:

Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. See Section 12 for additional ecological information.

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## SECTION 7: HANDLING AND STORAGE

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### HANDLING AND STORAGE:

Keep containers tightly closed in a dry, cool and well-ventilated place.

Store in accordance with local regulations

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Avoid breathing vapors or mists. Wash thoroughly after handling.

### SECTION 7 NOTES:

Dispose of contents/container to an approved waste disposal plant.

Strong oxidizing agents. Metals. Alkali.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas. Showers

Eyewash stations

Ventilation systems

### RESPIRATORY PROTECTION:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

### EYE PROTECTION:

Tight sealing safety goggles. Face protection shield.

### SKIN PROTECTION:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

### WORK HYGIENIC PRACTICES:

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Wash face, hands and any exposed skin thoroughly after handling. Use personal protective equipment as required. Avoid prolonged or repeated contact with skin. Avoid breathing (dust, vapor, mist, gas). Wash contaminated clothing before reuse.

### EXPOSURE GUIDELINES:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Manganese Chloride 7773-01-5	TWA: 0.02 mg/m <sup>3</sup> Mn TWA: 0.1 mg/m <sup>3</sup> Mn(vacated) Ceiling: 5 mg/m <sup>3</sup> Ceiling: 5 mg/m <sup>3</sup> Mn	(vacated) TWA: 1 mg/m <sup>3</sup> Fe(vacated) Ceiling: 5 mg/m <sup>3</sup> Ceiling: 5 mg/m <sup>3</sup> Mn	IDLH: 500 mg/m <sup>3</sup> Mn TWA: 1 mg/m <sup>3</sup> Mn STEL: 3 mg/m <sup>3</sup> Mn
Hydrochloric acid 7647-01-0	Ceiling: 2 ppm	(vacated) Ceiling: 5 ppm (vacated) Ceiling: 7 mg/m <sup>3</sup> Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>
Sodium dichromate 10588-01-9TWA	TWA: 0.05 mg/m <sup>3</sup> Cr	TWA: 5 µg/m <sup>3</sup> (vacated) Ceiling: 0.1 mg/m <sup>3</sup> Ceiling: 0.1 mg/m <sup>3</sup> CrO <sub>3</sub> applies to any operations or sectors for which the Hexavalent Chromium standard [29 CFR 1910.1026] is stayed or is otherwise not in effect	IDLH: 15 mg/m <sup>3</sup> Cr(VI) TWA: 0.0002 mg/m <sup>3</sup> Cr
Ferrous Chloride 7758-94-3	TWA: 1 mg/m <sup>3</sup> Fe	(vacated) TWA: 1 mg/m <sup>3</sup> Fe	TWA: 1 mg/m <sup>3</sup> Fe

NIOSH IDLH Immediately Dangerous to Life or Health

### SECTION 8 NOTES:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

No information available

### ODOR:

Strong Pungent

### ODOR Threshold:

No information available

### PHYSICAL STATE:

Liquid

### COLOR:

Black

pH AS SUPPLIED: No information available

pH (Other): No information available

### BOILING POINT:

F: No information available

C: No information available

### MELTING POINT:

F: No information available

C: No information available

### FREEZING POINT:

F: No information available

C: No information available

VAPOR PRESSURE (mmHg): No information available

F: No information available

C: No information available

VAPOR DENSITY (AIR = 1): No information available

F: No information available

C: No information available

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): No information available

F: No information available

C:

### EVAPORATION RATE:

No information available

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### BASIS (=1):

No information available

### SOLUBILITY IN WATER:

No information available

### PERCENT SOLIDS BY WEIGHT:

No information available

### PERCENT VOLATILE:

F: No information available

C: No information available

### VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: No information available

WITHOUT WATER: No information available

MOLECULAR WEIGHT: No information available

VISCOSITY: No information available

F: No information available

C: No information available

## SECTION 10: STABILITY AND REACTIVITY

### REACTIVITY:

No information available

### CONDITIONS TO AVOID (STABILITY):

Stable under normal conditions.

### POSSIBILITY OF HAZARDOUS REACTION:

None under normal processing.

### INCOMPATIBILITY (MATERIAL TO AVOID):

Strong oxidizing agents. Metals. Alkali.

### HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Chlorine. Thermal decomposition can lead to release of toxic/corrosive gases and vapors.

### HAZARDOUS POLYMERIZATION:

Hazardous polymerization does not occur.

### CONDITIONS TO AVOID :

Storage near to reactive materials. To avoid thermal decomposition, do not overheat.

## SECTION 11: TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

#### Routes of Exposure

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Manganese Chloride 7773-01-5	= 250 mg/kg ( Rat )	-	-
Hydrochloric acid 7647-01-0	= 700 mg/kg ( Rat )	> 5010 mg/kg ( Rabbit )	= 3124 ppm ( Rat ) 1 h
Sodium dichromate 10588-01-9	= 50 mg/kg ( Rat )	= 336 mg/kg ( Rabbit )	= 0.124 mg/L ( Rat ) 4 h
Ferrous Chloride 7758-94-3	= 450 mg/kg ( Rat )		

#### Carcinogenicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrochloric acid 7647-01-0	-	Group 3	-	-
Sodium dichromate 10588-01-9	A1	Group 1	Known	X

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ACGIH (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

STOT - repeated exposure: No information available.

Chronic toxicity: May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

Target Organ Effects: Blood, Central nervous system, Eyes, kidney, liver, lungs, Respiratory system, Skin.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	968 mg/kg
ATEmix (serman)	14813 mg/kg
ATEmix (inhalation-gas)	24031 mg/l
ATEmix (inhalation-dust/mist)	0.8 mg/l

## SECTION 12: ECOLOGICAL INFORMATION

### ECOLOGICAL INFORMATION:

8.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hydrochloric acid 7647-01-0	-	282: 96 h Gambusia affinis mg/L LC50 static	-
Sodium dichromate 10588-01-9	-	33.2: 96 h Pimephales promelas mg/L LC50 flow-through 69: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 213: 96 h Lepomis macrochirus mg/L LC50 static 0.098 - 0.129: 48 h Daphnia magna mg/L EC50 1.4: 24 h Daphnia magna mg/L EC50	0.098 - 0.129: 48 h Daphnia magna mg/L EC50 1.4: 24 h Daphnia magna mg/L EC50
Ferrous Chloride 7758-94-3	-	4: 96 h Morone saxatilis mg/L LC50 static	-

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Other adverse effects

No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD:

Should not be released into the environment. Disposal should be in accordance with applicable regional, national and local laws and regulations.

### CONTAMINATED PACKAGING

Do not reuse container.

Chemical Name	California Hazardous Waste Status
Manganese Chloride 7773-01-5	Toxic
Sodium dichromate 10588-01-9	Toxic Corrosive Ignitable

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**SECTION 14: TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** Corrosive liquid, Acidic Inorganic N.O.S.  
**HAZARD CLASS:** 8  
**ID NUMBER:** UN3264  
**PACKING GROUP:** III  
**LABEL STATEMENT:** No information available

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):**  
 Complies

**CWA (CLEAN WATER ACT):**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrochloric acid 7647-01-0	5000 lb	-	-	X
Sodium dichromate 10588-01-9	10 lb	X	-	X
Ferrous Chloride 7758-94-3	100 lb	-	-	X

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrochloric acid 7647-01-0	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ
Sodium dichromate 10588-01-9	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Ferrous Chloride 7758-94-3	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

No information available

**311/312 HAZARD CATEGORIES:**

**Acute health hazard** No  
**Chronic Health Hazard** No  
**Fire hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**313 REPORTABLE INGREDIENTS:**

This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Manganese Chloride - 7773-01-5	1.0
Hydrochloric acid - 7647-01-0	1.0
Sodium dichromate - 10588-01-9	0.1

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### STATE REGULATIONS:

#### California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Sodium dichromate - 10588-01-9	Carcinogen Developmental Female Reproductive Male Reproductive

### US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Manganese Chloride 7773-01-5	X	-	X
Hydrochloric acid 7647-01-0	X	X	X
Sodium dichromate 10588-01-9	X	X	X
Ferrous Chloride 7758-94-3	X	X	X

### INTERNATIONAL REGULATIONS:

#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

#### Legend:

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

DSL/NDSL - 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

AICS - Australian Inventory of Chemical Substances

## SECTION 16: OTHER INFORMATION

### OTHER INFORMATION:

#### NFPA

Reactivity: 0

Flammability: 0

Physical Hazards: 0

Health Hazards: 0

Personal Protection: X

Physical and Chemical Properties: HMIS

### DISCLAIMER:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.