



Fresco Stain™

Material Safety Data Sheet acc. to ISO/DIS

1. Identification of substance

- **Product details**
- **Trade name:** Fresco Stain Black
- **Article number:** 83-306924
- **Application of the substance / the preparation**
- **Manufacturer:**
Legacy Decorative Concrete Systems, Inc.
3421 Lumber Lane
Springfield, IL 62707

P.O. Box 8406
Springfield, IL 62791-8406

Tel. 217-522-6737
Toll Free 866-684-9394
Fax 866-684-9395

- **Legacy Distribution Centers:**
3421 Lumber Lane
Springfield, IL 62707

1251 West Durst Road
Rialto, CA 92376

670 Allen Road
Carlisle, PA 17013

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

- **Information department:** Environmental, Health, and Safety department.

2. Composition/Data on components

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:**
7773-01-5 manganese dichloride 10-25%
10588-01-9 sodium dichromate anhydrate ≤ 10%
Chromium (VI) compounds, with the exception of barium chromate ≤ 2.5%
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

3. Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:** The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions.
- **Classification system:** The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 1
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *2
Fire = 1
Reactivity = 0

4. First aid measures

- **General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Immediately call a doctor.

5. Fire fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Protective equipment:** Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure-demand or positive-pressure mode.

6. Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water.
- **Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

7. Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

8. Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
10588-01-9 sodium dichromate anhydrate
PEL () Short-term value: C 0.1* mg/m³
as Cr, water soluble; *as CrO₃
REL () 0.001 mg/m³
as Cr, water soluble; Ca
TLV () 0.05, A1 mg/m³
as Cr, water soluble;
Chromium (VI) compounds, with the exception of barium chromate

PEL () Short-term value: C 0.1* mg/m³
as Cr, water soluble; *as CrO₃
REL () 0.001 mg/m³
as Cr, water soluble; Ca
TLV () 0.05 mg/m³
as Cr, water soluble; A1; BEI

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Do not inhale gases / fumes / aerosols. Avoid contact with the skin. Avoid contact with the eyes and skin.
- **Breathing equipment:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests, no recommendation to the glove material can be given for the product. Select the glove material upon consideration of the penetration times, rates of diffusion and the degradation.
- **Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
Tightly sealed goggles

9. Physical and chemical properties

- **General Information**
Form: Fluid
Color: According to product specification
Odor: Characteristic
- **Change in condition**
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C (212°F)
- **Flash point:** > 200°C (> 392°F)
- **Auto igniting:** Product is not self igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapor pressure at 20°C (68°F):** 1.0 hPa (1 mm Hg)
- **Density at 20°C (68°F):** 1.50 g/cm³
- **Solubility in / Miscibility with**
Water: Fully miscible.
- **Solvent content:**
Organic solvents: 0.0 %
- **Solids content:** 100.0 %
- **Volatile Organic Compounds:** Not determined

10. Stability and reactivity

- **Thermal decomposition / conditions to be**

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avoided: No decomposition if used according to specifications.

- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11. Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
7773-01-5 manganese dichloride
Oral LD50 1715 mg/kg (mouse)
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:** The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

12. Ecological information

- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **General notes:** Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

13. Disposal considerations

- **Product:**
- **Recommendation:** Must not be disposed of as normal garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to Federal, State, and Local regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14. Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Remarks:** Add "Marine Pollutant" to end of proper shipping name if shipping in a bulk container (>119 gallons).
- **Limited Quantity Exemption:** No Limited Quantity exemption applies for this shipping class.
- **U.S. Domestic Ground Shipments:** Same as listed for Standard Shipments above.
- **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:** Same as listed for Standard Shipments above.
- **Emergency Response Guide (ERG) Number:** Not determined
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** Yes
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15. Regulations

- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**
This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to the State of California (Prop. 65) to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to the State of California (Prop. 65) to cause reproductive toxicity:**
None of the ingredients is listed.
- **Carcinogenity categories:**
- **EPA (Environmental Protection Agency)**
7773-01-5 manganese dichloride D
- **IARC (International Agency for Research on Cancer)**
10588-01-9 sodium dichromate anhydrate 1
Chromium (VI) compounds, with the exception of barium chromate 1
- **NTP (National Toxicology Program)**
10588-01-9 sodium dichromate anhydrate K
Chromium (VI) compounds, with the exception of barium chromate K
- **TLV (Threshold Limit Value established by ACGIH)**
None of the ingredients is listed.
- **MAK (German Maximum Workplace Concentration)**
None of the ingredients is listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.
- **Product related hazard information:** The product has been classified and marked in accordance with directives on hazardous materials.
- **Hazard symbols:**
Xn Harmful
N Dangerous for the environment
- **Hazard-determining components of labeling:**
sodium dichromate anhydrate
Chromium (VI) compounds, with the exception of barium chromate
- **Risk phrases:**
22 Harmful if swallowed.
37/38 Irritating to respiratory system and skin.
41 Risk of serious damage to eyes.
43 May cause sensitization by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
2 Keep out of the reach of children.
9 Keep container in a well-ventilated place.
13 Keep away from food, drink and animal feedstuffs.
20 When using do not eat or drink.
23 Do not breathe fumes/aerosol.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of soap and water.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

53 Avoid exposure - obtain special instructions before use.

57 Use appropriate container to avoid environmental contamination.

60 This material and its container must be disposed of as hazardous waste.

63 In case of accident by inhalation: remove casualty to fresh air and keep at rest.

64 If swallowed, rinse mouth with water (only if the person is conscious).

16. Other information

The provided information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Environmental, Health & Safety Department
- **Contact:** Environmental, Health & Safety Manager