

# Material Safety Data Sheet

24 Hour Assistance:  
1-847-367-7700

Rust-Oleum Corp.  
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## 1. Identification

**Product Name:** CSTAIN 3GLK CNCRET STAIN KIT-TERRA COTTA  
**Revision Date:** 5/7/2012  
**Identification Number:** 239408  
**Product Use/Class:** Concrete Stain/Kit  
**Supplier:** Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA  
**Manufacturer:** Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA  
**Preparer:** Regulatory Department

## 2. Hazard Identification

**EMERGENCY OVERVIEW:** Use ventilation necessary to keep exposures below recommended exposure limits, if any. Harmful if swallowed. Avoid contact with eyes, skin and clothing. Causes skin and eye burns. May cause allergic skin reaction. Vapors irritating to eyes and respiratory tract. May cause allergic respiratory reaction. Causes nose and throat irritation. Causes eye and skin irritation which may lead to dermatitis with repeated exposure.

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Can cause severe eye irritation.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Substance may cause slight skin irritation. Severely irritating; may cause permanent skin damage.

**EFFECTS OF OVEREXPOSURE - INHALATION:** Low hazard for usual industrial handling or commercial handling by trained personnel. May cause severe irritation of the respiratory tract. Causes corrosive action on the mucous membranes.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Substance may be harmful if swallowed. Corrosive and may cause severe and permanent damage to mouth, throat and stomach.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Prolonged or repeated skin contact may cause dermatitis.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

## 3. Composition/Information On Ingredients

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Anhydrous Citric Acid	77-92-9	5.0	N.E.	N.E.	N.E.	N.E.

## 4. First-aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash with soap and water. Get medical attention if irritation develops or persists. Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Destroy contaminated shoes.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

**FIRST AID - INGESTION:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

## 5. Fire-fighting Measures

**Flash Point, °F** >200 (Setaflash)

**EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Sweep up gently to avoid dust cloud formation. Neutralize liquid acid spills with sodium bicarbonate (NaHCO<sub>3</sub>).

## 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated contact with skin. Avoid contact with water.

**STORAGE:** Keep from freezing. Keep container closed when not in use.

## 8. Exposure Controls/Personal Protection

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance on types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

## 9. Physical and Chemical Properties

<b>Vapor Density</b>	Heavier than Air	<b>Odor:</b>	MILD
<b>Appearance:</b>	Multiphase Kit	<b>Evaporation Rate:</b>	Slower than Ether
<b>Solubility in Water:</b>	Miscible	<b>Freeze Point:</b>	N.D.
<b>Specific Gravity:</b>	1.050	<b>pH:</b>	N.D.
<b>Physical State:</b>	Liquid & Solid		

(See section 16 for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid contact with strong acid and strong bases. Avoid contact with strong reducing or oxidizing agents. Avoid contact with metals.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**HAZARDOUS DECOMPOSITION:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. Toxicological Information

<u>Chemical Name</u>	<u>LD50</u>	<u>LC50</u>
Anhydrous Citric Acid	3000 mg/kg (Rat, Oral)	N.E.

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

## 14. Transport Information

	<b>Domestic (USDOT)</b>	<b>International (IMDG)</b>	<b>Air (IATA)</b>
<b>Proper Shipping Name:</b>	Not Regulated	Not Regulated	Not Regulated
<b>Hazard Class:</b>	N.A.	N.A.	N.A.
<b>UN Number:</b>	N.A.	N.A.	N.A.
<b>Packing Group:</b>	N.A.	N.A.	N.A.
<b>Limited Quantity:</b>	No	No	No

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

## International Regulations:

### CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: D2A E

## 16. Other Information

### HMIS Ratings:

Health: 2\*      Flammability: 1      Physical Hazard: 0      Personal Protection: X

### NFPA Ratings:

Health: 2      Flammability: 1      Instability: 0

VOLATILE ORGANIC COMPOUNDS, g/L: -19

REASON FOR REVISION: No Information

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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