



# Clay-X Red Clay Stain Remover



Read before use.

## SECTION 1: Product Identification

**Product Name:** Clay-X Red Clay Stain Remover

**Product Uses:** Clay-X Red Clay Stain Remover effectively cleans red clay, rust, and iron oxide stains from concrete, brick, masonry, and stone.

**Manufacturer:**

Novion, Inc.  
494 Bridgeport Avenue  
Suite 101 336  
Shelton, CT 06484-4784  
USA

**EMERGENCY PHONE NUMBER:**

PERS Professional Emergency Response Service  
Company Code 10492  
1-800-633-8253 (U.S. and Canada)  
1-801-629-0667 (International)

## SECTION 2: Hazard Identification

Hazard Statement	Code	Hazard Class	Category
Causes skin irritation	H315	Skin corrosion/irritation	2
May cause respiratory irritation	H335	Respiratory tract irritation	3
Causes serious eye irritation	H319	Serious eye damage/eye irritation	2A
May be corrosive to metals	H290	Corrosive to Metals	1

**Symbol**

**Signal Word:** Danger



## Precautionary Statements

**Prevention**

**P101:** Keep out of reach of children.  
**P234:** Keep only in original container.  
**P264:** Wash hands thoroughly after handling.  
**P261:** Avoid breathing mist or spray.  
**P280:** Wear protective gloves/protective clothing/eye protection.  
**P271:** Use only outdoors or in a well-ventilated area.  
**P264+P265:** Wash thoroughly after handling. Do not touch eyes.

**Response**

**P302+P352:** IF ON SKIN: wash with plenty of water.  
**P332+P317:** If skin irritation occurs: Get medical help.  
**P362+P364:** Take off contaminated clothing and wash it before reuse.  
**P304 + P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing  
**P319:** Get medical help if you feel unwell.  
**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**P337+P317:** If eye irritation persists: Get medical help.  
**P390:** Absorb spillage to prevent material damage.

**Storage**

**P403+P233:** Store in a well-ventilated place. Keep container tightly closed.  
**P406:** Store in corrosive resistant/... container with a resistant inner liner.

**Disposal**

**P501:** Dispose of contents/container to local/regional/national/international regulations.

## SECTION 3: Composition/Ingredient Information

Chemical Name	Concentration	OSHA PEL	ACGH TLV
Buffered Hydrochloric Acid	Trade Secret	5 ppm – Ceiling	2 ppm – Ceiling
Non-haz: Surfactants, water, stabilizers	Trade Secret	N/A	N/A

## SECTION 4: First Aid Measures

**Eyes:** RESPONSE MEASURES: Flush eyes thoroughly with large amounts of water for 15 minutes. Seek medical attention if symptoms persist.

**Skin:** RESPONSE MEASURES: Wash effected area with soap and water. Remove contaminated clothes. Seek medical attention if symptoms persist.

**Ingestion:** RESPONSE MEASURES: Do not induce vomiting. If vomiting occurs keep airway clear. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

**Inhalation:** RESPONSE MEASURES: Remove to fresh air. Administer oxygen; seek medical help if symptoms persist.

## SECTION 5: Fire Fighting Measures

- Suitable Extinguishing Media: Use extinguishing agent suitable for surrounding fire.
- Specific Hazards: Non-flammable but may release toxic gases under fire conditions.
- Protective Equipment: Wear self-contained breathing apparatus and protective gear.

## SECTION 6: Accidental Release Measures

- Personal Precautions: Use PPE. Avoid contact with skin, eyes, and clothing.
- Methods for Cleaning Up: Neutralize with dilute alkaline solution. Absorb with inert material.
- Dispose according to local regulations.



## SECTION 7: Handling & Storage

- Handling: Use in well-ventilated areas. Avoid contact with skin and eyes.
- Storage: Store in tightly closed container in a cool, dry, and well-ventilated area.

## SECTION 8: Exposure Controls/Personal Protection

Exposure Limits (Hydrochloric Acid): OSHA PEL: 5 ppm ceiling

**Engineering Controls:** Use local exhaust ventilation.

**PPE:** Safety goggles, chemical-resistant gloves, long-sleeve clothing, and, if ventilation is inadequate, an acid gas respirator.



Long-Sleeve  
Clothing



Goggles



Gloves

## SECTION 9: Physical & Chemical Properties

Odor:	Mild acidic
pH:	<2
Solubility:	Soluble in water
Boiling Point:	~ 100° C
Flash Point:	Non-flammable

## SECTION 10: Stability & Reactivity

Reactivity:	Reacts with bases and oxidizing agents.
Stability:	Stable under normal conditions.
Hazardous Decomposition:	Hydrogen chloride gas.
Reactivity:	Reacts with bases and oxidizing agents.

## SECTION 11: Toxicological Information

Likely Routes of Exposure:	Skin, eyes, inhalation, ingestion.
Symptoms:	Burning of skin or eyes, respiratory discomfort.
Chronic Effects:	None expected under normal use.

## SECTION 12: Ecological Information

May be harmful to aquatic life in concentrated form. Avoid discharge into waterways.

## SECTION 13: Disposal Considerations

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

## SECTION 14: Transportation Information

### DOT Classification:

Shipped as Limited Quantity by ground in one-gallon containers – 49CFR 173.154

### Shipped by Air, Vessel, or larger packaging

UN Number:	UN1789
Proper Shipping Name:	Hydrochloric Acid Solution
Hazard Class:	8 (Corrosive)
Packing Group:	III
Labels:	Corrosive
Reportable Quantity (RQ):	5,000 lbs (Hydrochloric Acid)

## SECTION 15: Regulatory Information

U.S Toxic Substances Control Act (TSCA):	One or more components of this product are listed on the U.S. Toxic Substances Control Act (TSCA) inventory or are otherwise compliant with TSCA regulations.
SARA Title III Section 312/313 Hazard Category (40 CFR311/312):	Hydrochloric Acid – subject to reporting
OSHA HAZARDOUS:	Yes
CALIFORNIA PROPOSITION 65:	None

## SECTION 16: Other Information

All statements, technical information, and recommendations provided herein are based on available scientific data and testing that we believe to be reliable. However, because we cannot anticipate every condition under which this information, our products, or products of other manufacturers used in combination with ours may be applied, Novion, Inc. makes no warranties, either express or implied, and assumes no liability with respect to the use of this information. The information contained in this Safety Data Sheet (SDS) is believed to be accurate as of the date of revision. Nevertheless, Novion, Inc. provides no warranty, express or implied, regarding the accuracy, completeness, or adequacy of the information. The user is solely responsible for determining the suitability of this information for their particular purpose, as well as for the safe handling, use, storage, and disposal of the product.

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