

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200) / GHS Compliance

SECTION 1: IDENTIFICATION

Product Name: Eraser Decon Detergent

Manufacturer: Genesis Chemical
4626 Eagle Falls Pl, Tampa, FL 33619

Emergency Contact: **VelocityEHS:** 1-800-255-3924

Recommended Use: Heavy Duty Decontamination Cleaner and Industrial Detergent.

Restrictions on Use: Use only as directed. Do not mix with acids or strong oxidizing agents.

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification: Skin Corrosion / Irritation – Category 1C
Serious Eye Damage / Eye Irritation – Category 1
Acute Toxicity, Oral – Category 4
Acute Toxicity, Dermal – Category 4
Acute Toxicity, Inhalation – Category 4

Signal Word: **DANGER**

Hazard Statements: **H314:** Causes severe skin burns and eye damage.
H302 + H312 + H332: Harmful if swallowed, in contact with skin or if inhaled.

Precautionary Statements:**Prevention:**

- **P260:** Do not breathe dusts or mists.
- **P264:** Wash hands and exposed skin thoroughly after handling.
- **P270:** Do not eat, drink, or smoke when using this product.
- **P271:** Use only outdoors or in a well-ventilated area.
- **P280:** Wear protective gloves, protective clothing, eye protection, and face protection.

Response:

- **P301+P330+P331:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- **P303+P361+P353:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- **P363:** Wash contaminated clothing before reuse.
- **P304+P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor 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. Immediately call a POISON CENTER or doctor.

Storage & Disposal:

- **P405:** Store locked up.
- **P501:** Dispose of contents/container in accordance with local, regional, and national regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Disodium trioxosilicate pentahydrate (Sodium Metasilicate)	10213-79-3	15% – 25%
2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)	111-76-2	15% – 20%
Cocamidopropyl Betaine	61789-40-0	10% – 15%
Ethylenediaminetetraacetic acid (EDTA)	60-00-4	2% – 5%
Nonylphenol Ethoxylate	127087-87-0	2% – 5%

SECTION 4: FIRST-AID MEASURES**Inhalation:**

Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, administer oxygen. If breathing stops, give artificial respiration. Seek immediate medical attention.

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek medical attention for chemical burns.

Eye Contact:

Immediately flush eyes with gently flowing water for at least 15–20 minutes, holding eyelids open. Remove contact lenses if present and easy to do. Seek urgent medical assistance from an ophthalmologist.

Ingestion:	Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Call a physician or poison control center immediately.
Symptoms/Effects:	Causes severe chemical burns to skin and eyes. Risk of serious eye damage and irreversible blindness. Inhalation of mists may cause severe respiratory irritation. Absorption through the skin can cause systemic toxicity.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Coordinate firefighting measures to surrounding fire conditions.
Specific Hazards:	Alkaline liquid mixture. In a fire situation, thermal decomposition may produce hazardous and irritating gases, including carbon oxides, nitrogen oxides, and sodium oxides.
Firefighters Protective Equipment:	Wear a self-contained breathing apparatus (SCBA) and full chemical-resistant protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear appropriate personal protective equipment (see Section 8). Avoid breathing vapors or mists. Ensure adequate ventilation. Evacuate unnecessary personnel.
Environmental Precautions:	Prevent material from entering waterways, sewers, basements, or confined spaces.
Clean-up Methods:	Soak up with inert absorbent material (sand, silica gel, universal binder). Neutralize carefully with a weak acidic solution if appropriate under professional supervision. Place in designated containers for hazardous waste disposal.

SECTION 7: HANDLING AND STORAGE

Safe Handling:	Do not breathe mists or vapors. Avoid contact with skin, eyes, and clothing. Wear personal protective equipment. Wash thoroughly after handling. Do not eat, drink, or smoke when using. Do not mix with acids.
Storage Conditions:	Store in original container. Keep container tightly closed in a dry, cool, and well-ventilated area. Keep locked up. Store away from acids, oxidizing agents, and reactive metals (such as aluminum).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	2-Butoxyethanol (CAS 111-76-2): OSHA PEL: 50 ppm TWA (Skin); ACGIH TLV: 20 ppm TWA. Disodium trioxosilicate pentahydrate: Manufacturer recommended ceiling limit: 2 mg/m ³ (as Sodium Metasilicate).
Engineering Controls:	Use local exhaust ventilation or engineering controls to maintain airborne levels below exposure limits. Ensure eyewash stations and safety showers are close to the workstation. Eye/Face: Wear chemical splash goggles and a full-face shield to protect against splashing.

Personal Protective Equipment (PPE):

Skin: Wear alkali-resistant protective gloves (nitrile, neoprene, or PVC) and protective clothing.

Respiratory: If exposure limits are exceeded or handling produces mists, use a NIOSH-approved respirator equipped with organic vapor/particulate cartridges.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid (Color to be determined)	Odor:	Mild solvent/detergent
pH:	> 11.5 (Strongly Alkaline)	Boiling Point:	Not determined
Flash Point:	> 140°F (> 60°C) [Estimated]	Solubility in Water:	Completely miscible
Relative Density:	1.03 – 1.08 (Water = 1.0)	Stability:	Stable under normal conditions

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Highly alkaline. Reacts violently with strong acids. Reacts with aluminum and zinc to form hydrogen gas.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur. Contact with acids generates significant exothermic heat.
Incompatible Materials:	Strong acids, strong oxidizing agents, reactive metals (aluminum, zinc, tin).
Hazardous Decomposition:	Carbon oxides, nitrogen oxides, and silicate compounds when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure:	Skin contact, eye contact, inhalation, ingestion, skin absorption.
Acute Health Effects:	Inhalation: Harmful if inhaled. Causes irritation or chemical burns to respiratory passages. Skin Contact: Harmful in contact with skin. Causes severe skin burns. 2-Butoxyethanol is easily absorbed through the skin, potentially leading to systemic toxicity. Eye Contact: Causes serious eye damage. High risk of corneal injury or permanent blindness. Ingestion: Harmful if swallowed. Severe burning of the mouth, esophagus, and gastrointestinal tract.
Chronic Effects:	Overexposure to 2-Butoxyethanol may cause central nervous system depression, blood metabolic acidosis, and damaging effects to the liver and kidneys.
Carcinogenicity:	2-Butoxyethanol is listed by ACGIH as A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans). No components are listed as known carcinogens by IARC, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

High pH is harmful to aquatic environments. Nonylphenol Ethoxylate is an environmental concern, toxic to aquatic organisms with long-lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: This product, if disposed of in its unused form, may meet the RCRA criteria for a corrosive hazardous waste (characteristic code D002) due to high alkaline pH. Do not discharge into surface waters or sewage networks. Handle waste via a licensed facility.

SECTION 14: TRANSPORT INFORMATION

UN Number:	UN3266	Proper Shipping Name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains Disodium trioxosilicate)
Hazard Class:	8 (Corrosive)	Packing Group:	III
Special Notes:	Marine Pollutant status applies due to Nonylphenol Ethoxylate concentration. Review exceptions for limited quantities.		

SECTION 15: REGULATORY INFORMATION

TSCA Status: All components are listed on the TSCA Inventory or are exempt.

SARA 313 / 311 / 312: Contains 2-Butoxyethanol (Glycol Ethers chemical category), subject to SARA Title III Section 313 reporting requirements. Hazard Categories: Acute Health Hazard, Chronic Health Hazard.

CA Proposition 65: This product may contain trace impurities of Ethylene Oxide, known to the State of California to cause cancer and reproductive harm.

SECTION 16: OTHER INFORMATION

NFPA 704 Rating:

Health:	Fire:	Reactivity:
3	1	0

Revision Date: June 16, 2026

Disclaimer: The information provided in this Safety Data Sheet is accurate to the best of our current knowledge, information, and belief at the date of publication. It is given only as safe handling, use, processing, storage, transport, and disposal guidance.