

Safety Data Sheet

ACUTE CARE –STEP 1

Manufacturer's Name Epic Materials	
Address (Number, Street, City, State, and ZIP Code) 33741 Groesbeck Hwy	Telephone Number for Information 586-294-0300
Fraser, Michigan 48026	

Section 1: IDENTIFICATION

Product Name: Acute Care –Step 1

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

See Manufacturers Name and reference above.

Section 2: Hazards Identification

OSHA Hazards: Target organ effect, Harmful by skin absorption, Skin sensitizer

Target Organs: Teeth, Kidneys

Signal Word: DANGER

Pictograms:



GHS Classification:

Acute Toxicity, Oral
Acute toxicity, Inhalation
Acute toxicity, Dermal
Skin Corrosion
Serious eye damage
Skin sensitization

Category 5
Category 3
Category 4
Category 1A
Category 1
Category 1

GHS Label Elements, including precautionary statements:

Hazard Statements:

H303 May be harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause allergic skin reaction.

H331 Toxic if inhaled.

Precautionary Statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.

P310 Immediately call a Poison Center or doctor/physician.

Potential Health Effects:

Eyes: Causes eye burns

Inhalation: May be harmful if inhaled, Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin: Causes skin burns.

Ingestion: May be harmful if swallowed

NFPA Ratings:

Health: 2

Flammability: 0

Reactivity: 2

Specific hazard: Not available

HMIS Ratings:

Health: 2

Fire: 0

Reactivity: 2

Personal: H

Section 3: Composition and Information on Ingredients

Composition:

Name: Sodium Hypochlorite, 2%

CAS # 7681-52-9

Toxicological Data on Ingredients: Sodium Hypochlorite: 1mg/m3

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with water for at least 15

Minutes, lifting upper and lower lids occasionally. Get medical attention if irritation persists.

Skin Contact:

Remove any contaminated clothing. Thoroughly wash area with mild soap and water. Get medical attention if irritation occurs. Launder contaminated clothes before re-use.

Inhalation:

If irritation occurs, remove to fresh air. Get medical attention if irritation persists.

Ingestion:

Do NOT induce vomiting. Dilute with water or milk. Keep person warm and quiet and get medical attention.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-Flammable.

Auto-Ignition Temperature: 463°C (865.4°F)

Flash Points: NONE

Flammable Limits: NONE

Extinguishing Media and Instructions:

Regular foam, water spray, carbon dioxide, halon, or dry chemical for surrounding fires.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode when fighting fires.

Special Remarks on Explosion Hazards:

Chlorine gas may evolved—slow decomposition may evolve oxygen (accelerates flammability of combustible material).

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: See section 8 for recommendations on the use of personal protective equipment.

Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If

necessary:

Special protective equipment and precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Specific hazards arising from the chemical: Emits toxic fumes under fire conditions.

Section 7: Handling and Storage

Precautions:

Storage:

Keep from extreme temperatures. Keep empty containers away from sparks and open flames.

Keep in closed container when not in use. Wash thoroughly after use.

Section 8: Exposure Controls/Personal Protection

PERSONAL PROTECTION:

Eyes: Wear chemical safety glasses or goggles.

Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

Skin: Wear impervious clothing, chemically resistant gloves and boots.

Exposure Limits:

(TLV) [United States] [1999] 1 mg/m³ OSHA (PEL) [United States]

Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Mild odor

Color: Colorless. Clear (Light.)

PH: Not available

Boiling Point: 100°C (212°F)

Freezing Point: 0°C (32°F)
Specific Gravity: 1.00-1.10
Vapor Pressure: Not Determined
Vapor Density: Not Determined
Water Solubility: Completely Soluble.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, elevated pressures.

Incompatibility with various substances: Amines, ammonium salts, acids, reducing agents, metals, cellulose, methyl alcohol.

Special Remarks on Reactivity:

Chlorine, sodium oxide, slow decomposition produces oxygen which accelerates combustion.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Chronic Effects on Humans:

MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, mucous membranes, skin, teeth.

Other Toxic Effects on Humans:

Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (irritant), of ingestion,

Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May affect genetic material and may cause reproductive effects based on animal data. No human data found.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Extremely irritating and corrosive. Causes skin irritation (reddening and itching, inflammation). May cause blistering, tissue damage and burns. Eyes: Extremely irritating and corrosive. Causes eye irritation, lacrimation, redness, and pain. May cause burns, blurred vision, conjunctivitis, conjunctival and corneal destruction and permanent injury. Inhalation: Causes severe respiratory tract irritation.

Section 12: Ecological Information

Ecotoxicity:

Not available

BOD5 and COD: Not available

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification:

Class 8: Corrosive material

Identification: : Hypochlorite Solution, UN1791.PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information: Not Applicable

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

REVISION 0: 09-15-2015