SECTION 1 CHEMICAL IDENTIFICATION

CAT NO: **278996**

PRODUCT NAME: **HYDROCORTISONE HEMISUCCINATE SODIUM SALT**

ALTERNATE NAME: 21-(3-CARBOXY-1-OXOPROPOXY)-11,17-DIHYDROXY-PREGN-4-ENE-3,20-DIONE SODIUM SALT; CORTISOL HEMISUCCINATE SODIUM SALT; A-HYDROCORT; BUCCALSONE; CORLAN; EF-CORTELAN SOLUBLE; EMI-CORLIN; FLEBOCORTID;INTRACORT;

MANUFACTURER/ SUPPLIER:

UNITED STATES BIOLOGICAL
4 Technology Way
Salem, MA 01970
Tel: 800-520-3011 Fax: 978-594-8052
chemicals@usbio.net www.usbio.net

APPLICATION
CREATION DATE 6/22/2026
REVISION DATE

CAS NO: 125-04-2
MOLECULAR WEIGHT: 484.51
MOLECULAR FORMULA: $C_{25}H_{33}NAO_8$

ATTENTION

THIS PRODUCT IS COMPOSED OF CHEMICAL PRODUCT IN POWDER FORM. PER SECTION 1910.1200(d) OF TITLE 29 CFR, HAZARDOUS INGREDIENTS AT LESS THAN 1% AND CARCINOGENS AT LESS THAN 0.1% ARE CONSIDERED NON-HAZARDOUS.

SECTION 2. HAZARDS IDENTIFICATION

OSHA Hazards: No known OSHA Hazards
Not a dangerous substance of mixture according to the Globally Harmonised System (GHS).

Emergency Overview:
This product contains no substances which at their given concentration, are considered to be hazardous to health.

HMIS RATING
HEALTH: 0
FLAMMABILITY: 0
REACTIVITY: 0

NFPA RATING
HEALTH RATING: 0
FLAMMABILITY: 0
REACTIVITY: 0

Potential Health Effects:
May be harmful if inhaled. May cause respiratory tract irritation.
May be harmful if absorbed through skin. May cause skin irritation.
May cause eye irritation.
May be harmful if swallowed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	CAS#	EC#	PERCENT
Hydrocortisone Hemisuccinate Sodium Salt	125-04-2	204-725-5	≥90%

Synonyms:
21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxy-pregn-4-ene-3,20-dione Sodium Salt; Cortisol Hemisuccinate Sodium Salt; A-HydroCort; Buccalsone; Corlan; EF-Cortelan Soluble; Emi-Corlin; Flebocortid;Intracort; Nordicort; Oralsone; Sodium 17-Hydroxycorticosterone 21-Succinate; Solu-Cortef; Solu-Glyc; U 4905

This product contains no substances which at their given concentration/amount, are considered to be hazardous to health.

SECTION 4. FIRST-AID MEASURES

If swallowed, wash out mouth with water provided person is conscious. Call a physician. In case of skin contact, flush with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. If inhaled, remove to fresh air. If breathing becomes difficult, trained personnel should administer oxygen. Call a physician. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, Dry Chemical powder or appropriate foam.
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Body Precautions: Wear respirator, rubber gloves, rubber boots and chemical safety goggles.
Environmental Precautions: Contain the spill to the smallest area possible.
Cleaning Measures: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick-up is complete. Dispose of all contaminated trash in accordance with local, state and federal regulations.

SECTION 7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture. Separate from incompatibilities. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.
Storage: Store at -20ºC

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: White to off white powder

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products under fire conditions: Carbon and nitrogen oxides.
Hazardous Polymerization: Will not occur.
Incompatibilities: Oxidizing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:
Acute toxicity: No data available
Inhalation: No data available
Dermal: No data available
Skin corrosion/irritation: No data available
Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity: Suspected of damaging the unborn child.
Specific target organ toxicity - single exposure: No data available
Specific target organ toxicity - repeated exposure: No data available
Aspiration hazard: No data available

Additional Information
RTECS: GM9015000
Prolonged or repeated exposure can cause:, Damage to the eyes.
Stomach - Irregularities - Based on Human Evidence

SECTION 12. ECOLOGICAL INFORMATION

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14. TRANSPORT INFORMATION

DOT(US): Not regulated for transport
IMDG: Not regulated for transport
IATA: Not regulated for transport

SECTION 15. REGULATORY INFORMATION

US CLASSIFICATION AND LABEL TEXT
No known OSHA hazards.

UNITED STATES REGULATORY INFORMATION
SARA LISTED: No

CANADA REGULATORY INFORMATION
WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: No
NDSL: No

EUROPEAN UNION INFORMATION:
The product does not need to be labelled in accordance with EC directives.

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute health, chronic health hazard

Massachusetts Right To Know Components:
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components:

	CAS-No.	Revision Date
Hydrocortisone 21-(sodium succinate)	125-04-2	

New Jersey Right To Know Components:

	CAS-No.	Revision Date
Hydrocortisone 21-(sodium succinate)	125-04-2	

California Prop. 65 Components:
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

Recommended Use: For research use only. Not for use on or in humans and animals. Consider all materials as potentially infectious and use only approved FDA and NIH guidelines for the proper handling and disposal of infectious material. Only authorized and trained personnel should handle this reagent.

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