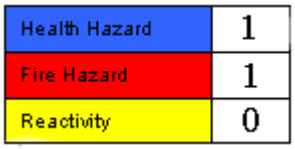
Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol
			

Issuing Date 06-Feb-2013 **Revision Date** **Revision Number** 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **Cosyntropin for Injection, 0.25 mg**

Product Code(s) **10139-905-02 - 0.25 mg Vial**
10139-905-10 - Shelf Pack (0.25 mg Vials x 10)

Synonyms Cortrosyn

Recommended Use Diagnostic Agent

Supplier Address Oakwood Laboratories L.L.C.
7670 First Place
Oakwood Village, OH 44146
TEL: 440-359-0000

Chemical Emergency Phone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

May cause skin irritation and/or dermatitis. May cause eye irritation. May cause irritation of respiratory tract. Repeated contact may cause allergic reactions in very susceptible persons.

Appearance White **Physical State** Powder **Odor** Odorless

Potential Health Effects
Principle Routes of Exposure Skin contact. Eye contact.

Acute Toxicity
Eyes May cause slight irritation.
Skin May cause skin irritation and/or dermatitis. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Inhalation Not an expected route of exposure. May cause irritation of respiratory tract.
Ingestion May be harmful if swallowed.

Chronic Effects No known effect based on information supplied.

Aggravated Medical Conditions None known.

Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Mannitol	69-65-8	97.6
Cosyntropin	16960-16-0	2.4

Sodium hydroxide and/or acetic acid used to adjust pH.

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If symptoms persist, call a physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.

Inhalation Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

Notes to Physician See clinical drug insert information for treatment of overdose.

Protection of First-aiders Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

5. FIRE-FIGHTING MEASURES

Flammable Properties Not flammable.

Flash Point Not determined.

Suitable Extinguishing Media Dry chemical, CO_2 or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material.

Explosion Data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	**Health Hazard** 1	**Flammability** 1	**Stability** 0	**Physical and Chemical Hazards** N/A
HMIS	**Health Hazard** 1	**Flammability** 1	**Stability** 0	**Personal Protection** N/A

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Methods for Containment	Prevent further leakage or spillage if safe to do so. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid dust formation. Do not breathe vapors/dust. Do not eat, drink or smoke when using this product.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Protect from light. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures	Showers, eyewash stations, and ventilation systems.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin and Body Protection	Wear protective gloves/clothing.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White	**Odor**	Odorless
Odor Threshold	No data available	**Physical State**	Powder
pH	No data available		
Flash Point	Not determined.	**Autoignition Temperature**	N/A
Decomposition Temperature	No data available	**Boiling Point/Range**	No data available
Melting Point/Range	No data available		
Flammability Limits in Air	No data available	**Explosion Limits**	No data available
Molecular Weight	No data available	**Water Solubility**	Miscible with water
Evaporation Rate	No data available	**Vapor Pressure**	No data available
Vapor Density	No data available	**VOC Content**	N/A
Partition Coefficient (n-octanol/water)	No data available		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	None known based on information supplied.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Hazardous Decomposition Products	None known based on information supplied.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information No acute toxicity information is available for this product.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Mannitol	13500 mg/kg (Rat)		

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied.

Carcinogenicity There are no known carcinogenic chemicals in this product.

Sensitization No data available. May cause sensitization of susceptible persons.

Mutagenic Effects No information available.

Reproductive Toxicity Reproductive effects are unknown.

Developmental Toxicity No information available.

Target Organ Effects No known effects under normal use conditions.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity Effects The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated.

TDG Not regulated.

MEX Not regulated.

ICAO Not regulated.

14. TRANSPORT INFORMATION

IATA Not regulated.

IMDG/IMO Not regulated.

RID Not regulated.

ADR Not regulated.

ADN Not regulated.

15. REGULATORY INFORMATION

International Inventories

TSCA	Exempt
DSL	Does not Comply
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Does not Comply

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
Non-controlled. Not regulated under CEPA.

16. OTHER INFORMATION

Issuing Date	29-Oct-2008
Revision Date	No data available.
Revision Note	No data available.

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Safety Data Sheet