



Telephone: (845) 365-8200 * Website: www.dynarex.com
Toll Free: (888) DYNAREX * Website: www.thcnet.com
Fax: (845) 365-8201

Reviewed on 4/4/13

Material Safety Data Sheet

1. Product and Company Identification

Product/Trade Name: Bacitracin Zinc Ointment (**Reorder #'s 1170-71-72-73-75-76**).

Manufacturer's Name: Dynarex Corporation

Manufacturer's Address: 10 Glenshaw Street
Orangeburg, NY 10962

Emergency or Information Phone No.: 888-DYNAREX or 845-365-8200
At other times, contact the local Poison Control Center

Chemical Name: Mixture

2. Composition/Information on Ingredients

Component Name	CAS#/Codes	Concentration	Risk Phrases	Safety Phrases
White Petrolatum	8009-03-08	>60%	R11, R36	S2, S16, S25, S26
Light Liquid Paraffin	8042-47-5	>10%		
Bacitracin Zinc	1405-89-6	<10%		

The above ingredients are raw materials that undergo processing, dilution and filled into a three layer sealed laminate. Upon completion of the manufacturing process the material does not possess the occupational health risks associated with the exposure to any of the ingredients above and the finished product.

3. Hazards Identification

NFPA Ratings

NFPA Code for Flammability - 1

NFPA Code for Health - 0

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - None



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HMIS Ratings

HMIS Code for Flammability - 1

HMIS Code for Health - 0

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

EU Main Hazards

Not flammable.

Irritating to eyes.

Routes of Entry

- Absorption - Eye contact - Ingestion - Inhalation - Skin contact

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

- Skin - Eye - Respiratory System

Health Effects - Eyes

The ointment will cause conjunctival irritation and possibly corneal damage.

Health Effects - Skin

No effect on skin, for prolong and short term use. The ointment is for external use only.

May rarely cause allergic reaction in sensitive individuals.

Health Effects - Ingestion

Swallowing may have the following effects:

- irritation of mouth, throat and digestive tract

A large dose may have the following effects:

- Irritation of the stomach and vomiting. May produce mild laxative effect.

Health Effects - Inhalation

Exposure to vapour may have the following effects:

- irritation of nose, throat and respiratory tract

Exposure to vapour at high concentrations may have the following effects:

- headache



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4. First Aid Measures

Eyes:

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Immediately flood the skin with large quantities of water, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists.

Ingestion

Give victim drink 1-3 glasses of water to dilute stomach contents. Induce vomiting only if directed to do so by medical personnel.

Inhalation

Remove from exposure to fresh air. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

5. Fire Fighting Measures

Extinguishing Media

Use foam, dry chemical, sand or carbon dioxide, do not use water jet directly. Keep containers and surroundings cool with water spray.

Unusual Fire and Explosion Hazards

Cool endangered containers externally with water.

Hazard from combustion products

Nitrogen oxides, Carbon Monoxide, Carbon Dioxide, Soot Organic substances.

Protective Equipment for Fire-Fighting

Do not inhale combustion gases. Wear full protective clothing and self-contained breathing apparatus.



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6. Accidental Release Measures

Clean area with (hot) water and detergent. Note that spillage will become slippery. Avoid contact with hot products. Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Wear appropriate protective clothing.

Environment Precaution: Do not allow spilled product to enter drains, surface water or ground water. Do not allow product to enter soil/ subsurface. Large spillages must be notified to appropriate authority,

7. Handling and Storage

Special precautions are not necessary if use correctly. Keep in tinted close light protecting containers

Use in well ventilated area. Use local exhaust ventilation. Avoid inhaling vapour. Avoid contact with eyes and clothing. Store away from sources of heat or ignition. Storage area should be: - cool - dry - well ventilated - away from incompatible materials (strong oxidizing agents) and heat.

8. Exposure Controls/Personal Protection

Occupational Exposure Standards

There are no specific occupational exposure limits known for product or its ingredients.

Engineering Control Measures

Good general room ventilation is expected to be adequate to control airborne levels.

Respiratory Protection

Not required under normal conditions and appropriate ventilation.

9. Physical and Chemical Properties

Physical State	Ointment
Colour	Pale yellow to White
Odour	No odour
pH	5.0-8.0
Boiling Range/Point	230°C



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Melting Point (°C/F)	45°C -60°C
Flash Point (PMCC)	No data
Vapour Pressure	No data.
Density	0.780-0.880 gram/ml
Solubility in Water	Practically insoluble in water.
Vapour Density (Air = 1)	No data
Viscosity (cSt)	No data

10. Stability and Reactivity

Stability

Stable under normal conditions.



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Conditions to Avoid

- Heat - High temperatures - Static discharge - Exposure to direct sunlight - Mechanical shock

Materials to Avoid

- Strong oxidizing agents

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

- oxides of carbon and other oxides

11. Toxicological Information

Acute Toxicity

Skin: Rarely cause allergic reaction in sensitive individuals.

Eyes: Rarely cause allergic reaction in sensitive individuals.

Inhalation: No hazards under normal conditions of use.

Chronic Toxicity/Carcinogenicity

This product is not expected to cause long term adverse health effects.

This product is non carcinogenic.

When swallowed: there is no damage to health.

Genotoxicity

This product is not expected to cause any mutagenic effects.

Reproductive/Developmental Toxicity

This product is not expected to cause reproductive or developmental health effects.

12. Ecological Information

Mobility

Product is insoluble in water. It can be removed from water mechanically in purification plant.

Persistence/Degradability

According to the test criteria of OECD the product is not readily biodegradable but inherently biodegradable.



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Bio-accumulation

The product has no bio accumulation.

Ecotoxicity

Fish toxicity: Product is not fish toxic.

13. Disposal Considerations

Dispose of in accordance with all applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

14. Transport Information

DOT CFR 172.101 Data	Not Regulated per 49 CFR 173.4 Small Quantity Exemption
Proper Shipping Name	None
Class	None
UN Number	None
Packing Group	None
Classification for AIR Transport(IATA):	None



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15. Regulatory Information

EU Label Information

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

EU Hazard Symbol and Indication of Danger

F - Highly flammable

Xi - Irritant

R phrases

R11 - Highly flammable.

R36 - Irritating to eyes.

S phrases

S2 - Keep out of reach of children.

S16 - Keep away from sources of ignition - No smoking.

S25 - Avoid contact with eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

US REGULATIONS(Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

EINECS Listing

All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.

DSL (Canadian) Listing

All ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law

All components have been checked for inclusion on the Massachusetts Substance List (MSL).

Those components present at or above the de minimus concentration include



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PA Right To Know Law

This product contains the following chemicals found on the Pennsylvania Hazardous Substance List

NJ Right To Know Law

This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List:

California Proposition 65

This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 302 (EHS)

This product does not contain any chemicals subject to SARA Title III Section 302.

SARA Title III Sect. 304

This product does not contain any chemicals subject to SARA Title III Section 304.

SARA Title III Sect. 311/312 Categorization

Immediate (Acute) Health Hazard

Delayed (Chronic) Health Hazard

Flammable

SARA Title III Sect. 313

This product does not contain a chemical which is listed in Section 313 at or above de minimise concentrations.

16. Other Information

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer



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EU: European Union

R: Risk

S: Safety

Hand Protection

Wear oil resistant gloves made from PVC or nitril.

Eye Protection

Chemical goggles or safety glasses with side shields

Body Protection

Wear oil resistant protecting clothing, overall or apron

Industrial Hygiene

Do not eat, drink, smoke or sniff during work.

Disclaimer:

The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200).

Use product for intended purpose only, within its expiration date.