



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

Reorder # 3453-3454

Reviewed on 1/7/15

## Safety Data Sheet

### SECTION 1. Product and Company Identification

Product/Trade Name: UNNA-BOOT  
Manufacturer's Name: Dynarex Corporation  
Manufacturer's Address: 10 Glenshaw Street  
Orangeburg, NY 10941  
Emergency or Information Phone No.: 888-DYNAREX or 845-365-8200  
At other times, contact the local Poison Control Center

### SECTION 2. Hazards Identification

#### NFPA Ratings

NFPA Code for Flammability - 0  
NFPA Code for Health - 0  
NFPA Code for Reactivity - 0  
NFPA Code for Special Hazards - 0  
HMIS Ratings

HMIS Code for Flammability - 0  
HMIS Code for Health - 0  
HMIS Code for Reactivity - 0  
HMIS Code for Personal Protection - See Section 8

#### EU Main Hazards

Not classified as hazardous.

#### Routes of Entry

- Eye contact - Ingestion – Skin Contact

#### Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

#### Target Organs

- Eye - Skin

#### Health Effects - Eyes

Contact may cause slight transient irritation.

#### Health Effects - Skin

Material may cause slight irritation on prolonged or repeated contact.

#### Health Effects - Ingestion



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A large dose may have the following effects:

- nausea - vomiting - diarrhea - abdominal pain - obstruction

#### **Health Effects - Inhalation**

No adverse effects are expected during normal conditions of use.

### **SECTION 3. Composition/Information on Ingredients**

Component Name	CAS#Codes	Concentration	R Phrases	Classification
Zinc Oxide	1314-13-2 215-222-5	10.00-20.00%	R-None	None
Glycerin	56-81-5 200-289-5	15.00-30.00%	R-None	None
Petroleum Compounds	Trade Secret	<10.00%	R-None	None

### **SECTION 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**

If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

#### **Ingestion**

Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

#### **Inhalation**

If there is difficulty in breathing, give oxygen. Seek medical attention if symptoms persist.

#### **Advice to Physicians**

Treat symptomatically.

### **SECTION 5. Fire Fighting Measures**

#### **Extinguishing Media**

Not Flammable. Select extinguishing agent appropriate to other materials involved.

#### **Unusual Fire and Explosion Hazards**

None known.

#### **Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.



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## SECTION 6. Accidental Release Measures

This product may be collected by carefully scooping into a pan, paper towel or other absorbent material. Transfer into suitable containers for recovery or disposal. No specific measures necessary.

## SECTION 7. Handling and Storage

Keep container tightly closed. Storage area should be: - cool - dry - well ventilated

## SECTION 8. Exposure Controls/Personal Protection

### Occupational Exposure Standards

Exposure limits are listed below, if they exist.

#### Zinc Oxide

None assigned.

#### Glycerin

None assigned.

#### Petroleum Compound

None assigned.

### Engineering Control Measures

No specific measures necessary.

### Respiratory Protection

Respiratory protection not normally required.

### Hand Protection

Skin protection not normally required.

### Eye Protection

Chemical goggles or safety glasses with side shields

### Body Protection

Normal work wear.

## SECTION 9. Physical and Chemical Properties

Physical State	Putty
Color	White
Odor	Characteristic
pH	No data.
Specific Gravity	No data.
Boiling Range/Point (°C/F)	No data.
Melting Point (°C/F)	No data.



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<b>Flash Point (PMCC) (°C/F)</b>	Exceeds 300°F (150°C)
<b>Explosion Limits (%)</b>	No data.
<b>Vapor Pressure</b>	No data.
<b>Density</b>	No data.
<b>Solubility in Water</b>	No data.
<b>Vapor Density (Air = 1)</b>	No data.
<b>Viscosity (cSt)</b>	No data.

## **SECTION 10. Stability and Reactivity**

### **Stability**

Stable under normal conditions.

### **Conditions to Avoid**

- Heat - High temperatures

### **Materials to Avoid**

- Strong oxidizing agents

### **Hazardous Polymerization**

Will not occur.

### **Hazardous Decomposition Products**

- acrid smoke and irritating fumes - oxides of carbon - zinc oxide fumes

## **SECTION 11. Toxicological Information**

### **Acute Toxicity**

Low order of acute toxicity predicted.

Zinc Oxide: Oral LD50 (mouse) 7950mg/kg. A 500 mg dose applied to the rabbit eye for 24 hours caused mild irritation.

### **Chronic Toxicity/Carcinogenicity**

Zinc Oxide: Long-term inhalation exposure (15 mg/m<sup>3</sup>/8hours/84 days) in rats caused pulmonary inflammation and changes in pulmonary function. In multidose studies with guinea pigs, inhalation exposure (4600-5900 ug/m<sup>3</sup>/3-6 days) caused changes in the respiratory organs and biochemical effects.

### **Genotoxicity**

Zinc Oxide: DNA damage (E.coli); cytogenetic analysis (rat, in vivo); oncogenic transformation, unscheduled DNA synthesis, and sister chromatid exchange (hamster, embryo); unscheduled DNA synthesis (guinea pig, in vivo).

### **Reproductive/Developmental Toxicity**

Zinc Oxide: Oral administration to rats during pregnancy (6846 mg/kg) caused developmental abnormalities and an increased incidence of stillbirths.

## **SECTION 12. Ecological Information**



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#### **Mobility**

No relevant studies identified.

#### **Persistence/Degradability**

No relevant studies identified.

#### **Bio-accumulation**

No relevant studies identified.

#### **Ecotoxicity**

(Glycerin)

Tests on the following species gave a 24h LC50 >5000 mg/litre - goldfish

## **SECTION 13. Disposal Considerations**

Dispose of in accordance with all applicable local and national regulations.

## **SECTION 14. Transport Information**

<b>DOT CFR 172.101 Data</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>UN Class</b>	None.
<b>UN Number</b>	None.
<b>UN Packaging Group</b>	None.
<b>Classification for AIR Transportation (IATA)</b>	Consult current IATA Regulations prior to shipping by air.

## **SECTION 15. Regulatory Information**

#### **EU Label Information**

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

#### **EU Hazard Symbol and Indication of Danger**

According to EC Commission Directive 67/548/EEC this product is not classified.

#### **R phrases**

None.

#### **S phrases**

None.

#### **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





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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 minimal concentration include: - Glycerin

#### **PA Right To Know Law**

This product contains the following chemicals found on the Pennsylvania Hazardous Substance List: - Zinc Oxide - Glycerin

#### **NJ Right To Know Law**

This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List: - Zinc Oxide - Gum Acacia

#### **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

#### **SARA Title III Sect. 313**

This product contains a chemical that is listed in Section 313 at or above de minimal concentrations. The following listed chemicals are present: - Zinc Oxide (1314-13-2)



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## SECTION 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  
EU: European Union  
R: Risk  
S: Safety  
LC50: Lethal Concentration 50%  
LD50: Lethal Dose 50%  
BOD: Biological Oxygen Demand  
KoC: Soil Organic Carbon Partition Coefficient

### Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.