

**BIONATURE – LAUNDRY DETERGENT HE**

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Date prepared: February 4, 2025

BIONATURE – LAUNDRY DETERGENT HE SDS EN

## 1. IDENTIFICATION

**Product Identifier****Product Name**

BIONATURE – LAUNDRY DETERGENT HE- HE Laundry Detergent

**Recommended use of the chemical and restrictions on use****Recommended use** Laundry detergent**Restrictions on use** For industrial and institutional use only**Supplier details**

Unica Canada Inc.  
90, J.A. Bombardier  
Boucherville, (Québec)  
J4B 8N4  
Telephone: (450) 655-8168

**Emergency Telephone Number**

Unica Canada inc: (450) 655-8168 8h-17h Monday to Friday

Poison Control Center (Emergency, 24 H) : 1-844-POISON-X or 1-844-764-7669

Poison Control Center (Quebec) (Emergency, 24 H) : 1-800-463-5060

## 2. HAZARDS IDENTIFICATION

**Classification**

Eye damage/Irritation	Category 2A
Skin corrosion/irritation	Category 2

**Label Elements****WARNING****Hazard Statements**

Causes serious eye damage

Causes skin irritation

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves, protective clothing, and eye protection.

**Precautionary Statements - Response****IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

**IF ON SKIN:** Wash with plenty of water. If skin irritation or rash occurs, get medical advice or attention. Take off contaminated clothing and wash it before re-use.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Sodium dodecylbenzene sulfonate	25155-30-0	10-15
Dodecan-1-ol, ethoxylated	9002-92-0	1-5
Potassium Cocoate	61789-30-8	1-5

**4. FIRST AID MEASURES**

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Skin contact** Rinse skin with water. Wash contaminated clothing before reuse.

**Inhalation** Not applicable

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

**Most important symptoms and effects, both acute and delayed**

Causes burns to eyes and irritation to skin. Symptoms include tingling sensation and / or reddening.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

None known.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Rinse area with plenty of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong oxidizers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

### Appropriate engineering controls

**Engineering Controls** Not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety goggles.

**Skin and body protection** Wear protective gloves.

**Respiratory Protection** Not required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Clear, liquid

### **ODOR**

Fresh

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

8.0-8.5

### **MELTING POINT / FREEZING POINT :**

0°C

### **BOILING POINT/BOILING RANGE :**

100°C

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.02-1.03

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

None

**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

200 - 1000 cP @ 20°C

**FLAMMABLE LIMITS :**

UPPER: Not applicable LOWER : Not applicable

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

**Conditions to Avoid**

Store away from incompatible materials.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None

**Incompatible Materials**

Strong oxidizers.

**Hazardous decomposition products**

None

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium dodecylbenzene sulfonate 25155-30-0	> 1 g/kg (rat)	> 2000 mg/kg (rabbit)	Not applicable
Dodecan-1-ol, ethoxylated 9002-92-0	1000 mg / kg (Rat Wistar)	> 2000 mg/kg (Rat Wistar)	Not applicable
Potassium Cocoate 61789-30-8	Not available	Not available	Not applicable

**Information on likely sources of exposure****Serious eye damage/irritation** Causes serious eye damage.**Skin corrosion/irritation** Causes skin irritation.**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization** Not a sensitizer.**Germ cell mutagenicity** None known.**Carcinogenicity** No listed human

carcinogens.

**Reproductive toxicity** None known.**STOT - single exposure** None known.**STOT-repeated exposure** None known.**Aspiration Hazard** None.**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening of eyes and tissues.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Nontoxic to the aquatic environment

**Persistence and degradability**

Readily biodegradable

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects**

None known

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. TRANSPORT INFORMATION

**TDG classification**

Not regulated

## 15. REGULATORY INFORMATION

All ingredients are listed on the DSL

## 16. OTHER INFORMATION

**Preparation Date**

February 4, 2025

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**