Next Science™ BlastX® - WG-0001

FILE NO.:

MSDS DATE:01/15/2018

### **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Next Science™ BlastX®

**SYNONYMS:** OTC Wound Gel **PRODUCT CODES:** WG-0001

MANUFACTURER: Next Science, LLC

**DIVISION:** 

ADDRESS: 10550 Deerwood Parkway Blvd, Suite 300, Jacksonville, FL 32256

**EMERGENCY PHONE**: 1-855-564-2762

CHEMTREC PHONE:

OTHER CALLS:

**FAX PHONE:** 1-855-564-2762

CHEMICAL NAME: CHEMICAL FAMILY: CHEMICAL FORMULA:

PRODUCT USE: Topical Application to Wounds PREPARED BY: Matthew F. Myntti, Ph.D.

SECTION 1 NOTES: For Professional Use Only

## **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

### **INGREDIENT:**

 CAS NO.
 % WT
 % VOL
 SARA 313 REPORTABLE

 6132-04-3
 1-5%
 No

 77-92-9
 1-5%
 No

63449-41-2 <1% No 25322-68-3 75% No

ppm mg/m3

OSHA PEL-TWA: OSHA PEL STEL : OSHA PEL CEILING:

ACGIH TLV-TWA: ACGIH TLV STEL: ACGIH TLV CEILING:

## **SECTION 3: HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: May cause eye irritation. May cause respiratory and digestive tract irritation

**ROUTES OF ENTRY:** 

**POTENTIAL HEALTH EFFECTS** 

**EYES:** Dust may cause mechanical irritation.

**SKIN:** No information regarding skin irritation and other potential effects was found.

INGESTION: Ingestion of large amounts may cause gastrointestinal irritation.

**INHALATION:** May cause respiratory tract irritation. Low hazard for usual industrial handling.

ACUTE HEALTH HAZARDS: N/A
CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

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**CARCINOGENICITY** 

OSHA: ACGIH: NTP: IARC:

OTHER:

## **SECTION 4: FIRST AID MEASURES**

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.

**Skin:** Get medical aid if irritation develops or persists.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not

breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get

medical aid if cough or other symptoms appear.

Notes to Physician: Treat symptomatically and supportively.

Antidote: None reported.

#### **SECTION 5: FIRE-FIGHTING MEASURES**

FLAMMABLE LIMITS IN AIR, UPPER: N/A (% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

**AUTOIGNITION TEMPERATURE: N/A** 

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 SPECIFIC HAZARD: N/A

HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROECTION: E

EXTINGUISHING MEDIA: Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam

SPECIAL FIRE FIGHTING PROCEDURES: Protective equipment: Wear self-contained breathing apparatus and protective clothing to

prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Emits toxic fumes under fire conditions

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### PERSONAL PRECAUTIONS

Use personal protective equipment.

### **ENVIRONMENTAL PRECAUTIONS**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

ACCIDENTAL RELEASE MEASURES: Chemical safety gloves, eye protection

## **SECTION 7: HANDLING AND STORAGE**

### PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes. Avoid inhalation of vapour or mist.

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CONDITIONS FOR SAFE STORAGE

Keep container tightly closed.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION** 

**Personal Protective Equipment** 

Eyes: Wear safety glasses with side shields.

Skin: N/A Clothing: N/A Respirators: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Gel

ODOR: N/A

PHYSICAL STATE: Gel

pH AS SUPPLIED: 4.0 +/- 0.2

pH (Other): N/A

**SOLUBILITY IN WATER: 100%** 

**PERCENT SOLIDS BY WEIGHT: N/A** 

VOLATILITY: Not available

VOLATILE ORGANIC COMPOUNDS (VOC): : Not available

MOLECULAR WEIGHT: : Not available

VISCOSITY: Not available

FLASH POINT: N/A

**BOILING POINT:** Approximately 100°C

MELTING POINT: : Approximately 0°C

**CRITICAL TEMPERATURE:** : Not available

**SPECIFIC GRAVITY:** Weighted average: 1.00 (Water = 1)

VAPOR PRESSURE: : Not available

VAPOR DENSITY: : Not available

VOLATILITY: Not available

**ODOR THRESHOLD:** : Not available

**SECTION 10: STABILITY AND REACTIVITY** 

**STABILITY:** The product is stable.

CONDITIONS TO AVOID (STABILITY): Strong oxidizing agents, strong acids

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, Carbon dioxide, Sulfur oxides, Nitrogen oxides

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID (POLYMERIZATION): N/A

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SPECIAL REMARKS ON REACTIVITY: N/A

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### **SECTION 11: TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION: Causes eye irriation. May be harmful if inhaled. May be harmful if swallowed.

### **TOXICOLOGY TO ANIMALS:**

Acute oral toxicity (LD50): > 2000 mg/kg (mouse) Acute dermal toxicity (LD50): > 2000 mg/kg (rats) Acute Inhalation Toxicity (LC50): >2 mg/L (rats)

#### 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.

**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 identified as a carcinogen or potential carcinogen by OSHA.

### REPRODUCTIVE TOXICITY

no data available

#### **TERATOGENICITY**

no data available

#### POTENTIAL HEALTH EFFECTS

**Inhalation:** May be harmful if inhaled. **Ingestion:** May be harmful if swallowed.

Skin: N/A

**Eyes:** May cause eye irritation.

### SIGNS AND SYMPTOMS OF EXPOSURE

Central nervous system depression, Nausea, Dizziness, narcosis, Damage to the heart.

### SYNERGISTIC EFFECTS

no data available

# **SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION: N/A** 

### **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Waste must be disposed f in accordance with federal, state, and local environmental regulations

# **SECTION 14: TRANSPORT INFORMATION**

### **IMDG**

Not dangerous goods

#### ΙΑΤΑ

Not dangerous goods

# **SECTION 15: REGULATORY INFORMATION**

#### **OSHA HAZARDS**

Combustible Liquid, Target Organ Effect, Carcinogen

## **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

Next Science™ BlastX® – WG-0001 (De Minimis) reporting levels established by SARA Title III, Section 313.

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SARA 311/312 Hazards

None

PROTECTIVE EQUIPMENT:

Gloves. Lab coat. Splash goggles.

# **SECTION 16: OTHER INFORMATION**

OTHER INFORMATION:

## PREPARATION INFORMATION:

DISCLAIMER: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Next Science LLC, shall not be held liable for any damage resulting from handling or from contact with the above product.