

# MATERIAL SAFETY DATA SHEET

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:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
6132-04-3	1-5%		No
77-92-9	1-5%		No
63449-41-2	<1%		No
25322-68-3	75%		No

	<u>ppm</u>	<u>mg/m3</u>
<b>OSHA PEL-TWA:</b>		
<b>OSHA PEL STEL :</b>		
<b>OSHA PEL CEILING:</b>		

<b>ACGIH TLV-TWA:</b>
<b>ACGIH TLV STEL:</b>
<b>ACGIH TLV CEILING:</b>

---

## 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



# MATERIAL SAFETY DATA SHEET

Next Science™ BlastX® – WG-0001

FILE NO.:  
MSDS DATE:01/15/2018

## 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

# MATERIAL SAFETY DATA SHEET

Next Science™ BlastX® – WG-0001

FILE NO.:  
MSDS DATE:01/15/2018

SPECIAL REMARKS ON REACTIVITY: N/A

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

**TOXICOLOGICAL INFORMATION:** Causes eye irritation. 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 of in accordance with federal, state, and local environmental regulations

---

## SECTION 14: TRANSPORT INFORMATION

---

### IMDG

Not dangerous goods

### IATA

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

# MATERIAL SAFETY DATA SHEET

Next Science™ BlastX® – WG-0001

(De Minimis) reporting levels established by SARA Title III, Section 313.

FILE NO.:  
MSDS DATE:01/15/2018

## 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.