

**Blast Sprayable/Injectable**

Revision: 1.1 US

Issuing date: 4.10.2025

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier on label**

Blast Sprayable/Injectable

**Use**

To reduce bicarbonates in water and carbonates in soil.

**Supplier or Manufacturer**

The Aquatrols Company  
1273 Imperial Way  
Paulsboro, NJ 08066  
Phone number: 1-856-537-6003  
info@aqatrols.com

**Emergency telephone**

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

**SECTION 2: Hazards identification****Signal Word (OSHA)**

Danger

**Hazard Statements**

H301 – Toxic if swallowed  
H314 – Causes severe skin burns and eye damage

**Hazard Symbols****Precautionary Statements**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: 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.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**SECTION 3: Product Composition**

Chemical Name	CAS Number	Concentration
Mineral Acid Salt of Organic Amide	506-89-8	50-100%
Inert Components	Mixture	<50%

**Blast Sprayable/Injectable**

Revision: 1.1 US

Issuing date: 4.10.2025

**SECTION 4: First aid measures**

**General Information:** Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore, medical observation is recommended for at least 48 hours after exposure.

**First Aid Response:**

**Inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**Ingestion:** Immediately call a doctor. Drink copious amounts of water and provide fresh air.

**Eye Contact:** Rinse opened eye for several minutes under running water. Call a doctor immediately. Remove contact lenses, if present. Hold eyelids apart and flush with water for at least 15 minutes.

**Skin Contact:** Immediately wash with soap and water and rinse thoroughly.

**SECTION 5: Firefighting measures****Suitable (and unsuitable) extinguishing media**

Suitable extinguishing media include CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture**

No further relevant information available.

**Special protective equipment and precautions for firefighters**

Wear full protective clothing and self-contained breathing apparatus.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment, and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions**

Do not allow undiluted product to enter storm sewers/surface or ground water.

**Methods and materials for containment and cleaning up**

Control the spill at its source. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

**SECTION 7: Handling and storage****Precautions for safe handling**

Ensure adequate ventilation/exhaustion at the workplace. Prevent formation of aerosols or mists.

**Conditions for safe storage, including any incompatibilities**

Store in the original labeled container in a cool place away from direct sunlight, heat or freezing conditions.

**Blast Sprayable/Injectable**

Revision: 1.1 US

Issuing date: 4.10.2025

**8: Exposure controls/personal protection****Control parameters****Exposure**

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Exposure controls**

<b>Respiratory</b>	Not normally required. In case of brief exposure, mist/aerosol/dust generation or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
<b>Eyes</b>	Tightly sealed goggles.
<b>Skin</b>	Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
<b>Ingestion</b>	Wash hands before breaks and at the end of work. Avoid contact with the skin and eyes. Wash thoroughly with soap and water after handling.
<b>Engineering Controls</b>	Not normally required.
<b>General Protective and Hygienic Measures</b>	<p>The usual precautionary measures for handling chemicals should be followed.</p> <p>Keep away from foodstuffs, beverages and feed.</p> <p>Immediately remove all soiled and contaminated clothing and wash before reuse.</p> <p>Wash hands before breaks and at the end of work.</p> <p>Avoid contact with eyes and skin.</p>

**SECTION 9: Physical and chemical properties**

Appearance	Amber Liquid
Odor	Characteristic
Odor threshold	Not Measured
pH value at 20C/68F	< 1.0
Melting point/freezing point (C)	Not measured
Initial boiling point and boiling range (C)	100C (212F)
Flash Point	>93C (>199F)
Evaporation rate (Ether = 1)	Not measured
Flammability (solid, gas)	Not measured
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not measured Upper Explosive Limit: Not measured
Vapor pressure (Pa)	23 hPa (17mm Hg)
Vapor density	Not measured
Specific Gravity	1.06-1.08
Partition coefficient n-octanol/water (Log Kow)	Not measured
Auto-ignition temperature (C)	Product is not self-igniting
Decomposition temperature (C)	Not measured
Viscosity (cSt)	Not measured
VOC%	0.1%

**Other information**

No other relevant information.

**Blast Sprayable/Injectable**

Revision: 1.1 US

Issuing date: 4.10.2025

**SECTION 10: Stability and reactivity**

<b>Reactivity</b>	Not chemically reactive.
<b>Chemical stability</b>	Stable for 2 years under normal ambient and anticipated conditions of use.
<b>Possibility of hazardous reactions</b>	Hazardous reactions not anticipated.
<b>Conditions to avoid</b>	Avoid storage at high temperatures or freezing conditions.
<b>Incompatible materials</b>	No further relevant information available.
<b>Hazardous decomposition products</b>	No dangerous decomposition products known.

**SECTION 11: Toxicological information**

<b>Acute Toxicity</b>	Not established
<b>Primary Irritant Effect</b>	On the skin: Caustic effect on the skin and mucous membranes. On the eye: Strong caustic effect.
<b>Sensitization</b>	No sensitizing effects known.
<b>Additional toxicological information</b>	The product shows the following dangers according to internally approved calculation methods for preparations: Harmful Corrosive Swallowing will lead to strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

**Carcinogen categories**

**IARC (International Agency for Research on Cancer)**  
 CAS# 111-76-2      Name: 2-butoxyethanol      Amount Present: 0.119%

**NTP (National Toxicology Program)**  
 No ingredient above the minimis level is listed.

**SECTION 12: Ecological information**

<b><u>Aquatic toxicity</u></b>	No further relevant information available.
<b><u>Persistence and degradability</u></b>	No further relevant information available.
<b><u>Behavior in environmental systems</u></b>	No further relevant information available.
<b><u>Bioaccumulative potential</u></b>	No further relevant information available.
<b><u>Mobility in soil</u></b>	No further relevant information available.
<b><u>General Notes</u></b>	Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low-water dangerous.
<b><u>Results of PBT and vPvB</u></b>	Not applicable.

**Blast Sprayable/Injectable**

Revision: 1.1 US

Issuing date: 4.10.2025

**SECTION 13: Disposal considerations**

<b>Waste Disposal</b>	Must not be disposed of together with household garbage. Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state and federal regulations.
<b>Container Disposal</b>	Disposal must be made in accordance with local, state and federal regulations. Recommended cleansing agent: Water, if necessary, with cleansing agents.

**SECTION 14: Transport information****UN Number**

DOT	Not regulated if shipped in non-aluminum containers (49 CFR 173.154 (d))
ADR, IMDG, IATA	3265

**UN Proper Shipping Name**

DOT	Void
ADR	3265 Corrosive Liquid, Acidic, Organic, N.O.S. (Urea Hydrochloride)
IMDG, IATA	Corrosive Liquid, Acidic, Organic, N.O.S. (Urea Hydrochloride)

**Transport Hazard Classes**

DOT (Class)	Void
ADR, IMDG, IATA	Class: 8 Corrosive Substances; Label: 8

**Packing Group**

DOT	Void
ADR, IMDG, IATA	III

**Environmental Hazards**

Marine pollutant	No
------------------	----

**Special Precautions for User**

Warning: Corrosive substances

**Danger code (Kemler):**

80

**EMS Number**

R-A, S-B

**Segregation groups**

Acids

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable**Transport/Additional Information**

Remarks	Corrosive to aluminum, Excepted per 49 CFR 173.154 (d)(1).
---------	------------------------------------------------------------

**UN "Model Regulation"** UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III**SECTION 15: Regulatory information****HMIS Hazard Rating**

Health	3
Flammability	1
Reactivity	0

**NFPA Hazard Ratings**

Health	3
Flammability	1
Reactivity	0

**Blast Sprayable/Injectable**

Revision: 1.1 US

Issuing date: 4.10.2025

**Safety, health and environmental regulations/legislation specific for the substance or mixture****SARA**

**Section 355 (Extremely Hazardous Substances)** No ingredient above de minimis level is listed  
**Section 313 (Toxic Chemical Listings)** 0.119% 2-butoxyethanol; CAS# 111-76-2

**Toxic Substance Control Act (TSCA)** All components of this material are on the US TSCA Inventory or are exempt

**Carcinogen categories**

**EPA (Environmental Protection Agency)** 0.119% 2-butoxyethanol; CAS# 111-76-2  
**TLV (Threshold Limit Value established by ACGIH)** 0.119% 2-butoxyethanol; CAS# 111-76-2  
**NIOSH-Ca (National Institute for Occupational Safety and Health)** No ingredient above de minimis level is listed  
**NIOSH-Ca (Occupational Safety and Health Administration)** No ingredient above de minimis level is listed

**GHS Label Elements** This product is classified and labeled according to the Globally Harmonized System (GHS)

**Hazard Pictograms** GHS05, GHC06  
**Signal Word** Danger

**Hazard-Determining Components of Labeling:** Mineral Acid Salt of Organic Amide

Toxic if swallowed

Causes severe skin burns and eye damage

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations

---

**SECTION 16: Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in another manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.