

Safety Data Sheet

DATE OF ISSUE: August 25, 2023

ISSUED BY PASCAL

Product Name:	Banicide Plus Liquid Activator
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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Banicide Plus Liquid Activator
Product Use:	Activator for Liquid Sterilant/High Level Disinfectant
Manufacturer Name:	Pascal International, Inc.
Address:	2929 Northup Way Bellevue, Washington 98004 USA
Emergency Telephone (Infotrac):	1-800-535-5053, 1-352-323-3500
Telephone:	1-425-827-4694, 1-800-426-8051
Fax:	1-425-827-6893

2. HAZARDS IDENTIFICATION

GHS Classification & Label Elements:	
This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals, the Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP), and the OSHA Hazard Communication Standard , 29 CFR 1910.122. No Classification or Label Elements are required.	
Label Elements:	None
Hazards not otherwise classified (HNOC)	None
Safety Phrases:	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity (Components)	CAS No.	Proportion
Water and non-hazardous ingredients	Mixture	80-100%
Sodium Nitrite	7632-00-0	1-5%

4. FIRST AID MEASURES

Inhalation:	Move to fresh air if effects occur. Seek medical attention if effects persist.
Ingestion:	If swallowed, seek medical advice by calling a Poison Control Center or hospital emergency room. Do not induce vomiting. Do not attempt to give anything by mouth to an unconscious person.
Skin:	Wash with soap and water. If skin irritation develops and persists, seek medical attention.
Eye:	Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present, after the first five minutes, then continue rinsing. If irritation develops or persists, seek medical advice.
Acute & Delayed Symptoms:	May be irritating to eyes, skin and respiratory tract.
Indication of immediate medical attention and special treatment, if needed:	Treat symptomatically

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5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use any media that is suitable for the surrounding fire.
Specific Hazards:	None known.
Precautions in connection with fire:	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Wear appropriate protective clothing and equipment.
Clean Up Procedure:	Collect material with an inert, non-combustible, absorbent material and place in appropriate, labeled container for disposal.

7. HANDLING AND STORAGE

Handling:	Avoid generating and breathing airborne mists. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Use in accordance with label directions.
Storage:	Store at room temperature. Avoid prolonged exposure to heat and/or humidity as this reduces product effectiveness. Keep containers closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Sodium Nitrite - none established
Respiratory Protection:	None under normal use conditions with adequate ventilation. For operations where exposure levels of mists are excessive and irritation is experienced, a NIOSH approved respirator with particulate filter is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.
Eye Protection:	Safety goggles recommended.
Hand Protection:	Protective gloves such as rubber or nitrile are recommended.
Engineering controls:	General ventilation should be adequate for normal use. For operations where the exposure levels are exceeded, mechanical ventilation such as local exhaust may be needed.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green liquid
Odor:	No odor
Odor Threshold:	Not available
pH:	10.0-10.8
Vapor Pressure:	Same as water
Vapor Density:	Same as water
Relative Density:	Not determined
Boiling Point:	Not applicable
Freezing / Melting Point:	Not available
Relative Density:	>1.384
Solubility in Water:	Soluble in water
Partition Coefficient: (N-Octano/Water)	Not available
Decomposition Temperature:	Not available
Specific Gravity:	Not available
Viscosity:	Not available
Flash Point:	Not flammable
Evaporation Rate:	Not applicable
Flammability:	Not flammable
Autoignition Temperature:	Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Reactivity:	None known
Conditions to Avoid:	None known
Incompatible Materials:	Strong oxidizing agents, reducing agents, metals and strong acids
Hazardous Decomposition Products:	Thermal decomposition will produce oxides of carbon, nitrogen and phosphorus
Hazardous Reactions:	None known

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:	
<ul style="list-style-type: none"> Inhalation: 	May cause irritation of the nose, throat and upper respiratory tract.
<ul style="list-style-type: none"> Skin Contact: 	May cause skin irritation
<ul style="list-style-type: none"> Eye Contact: 	May cause irritation. Eye damage is not expected

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<ul style="list-style-type: none"> Ingestion: 	Do not ingest. If swallowed, may irritate mouth, throat and intestinal tract. Ingestion of sodium nitrite may cause methemoglobinemia and affect the ability of the blood to transport oxygen. Symptoms include nausea, dizziness, weakness, cyanosis (blue color of the skin and mucous membranes) and collapse.
<ul style="list-style-type: none"> Chronic Hazards: 	No adverse effects expected based on the available data
<ul style="list-style-type: none"> Carcinogen: 	None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH OR OSHA

12. ECOLOGICAL INFORMATION

This product is not classified as harmful to the environment	
Ecotoxicity:	No toxicity data available for product
<ul style="list-style-type: none"> Sodium Nitrite: 	LC50 rainbow trout .100mg/L/96 hr; EC50 daphnia magna >100 mg/L/48 hr
<ul style="list-style-type: none"> Non-hazardous Ingredients: 	LC50 fish >100mg/L/96 hr; EC50 daphnia magna ~50 mg/L/48 hr; IC50 algae >100 mg/L/72 hr.
Persistence and Degradability:	No data available. Biodegradation does not apply to inorganic substances such as sodium nitrite.
Bioaccumulative Potential:	No data available
Other Adverse Effects:	None known

13. DISPOSAL CONSIDERATIONS

Solution Disposal:	Refer to product label for disposal information. Dispose in accordance with national, state/provincial and local regulations.
Container Disposal:	Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

14. TRANSPORT INFORMATION

IATA/ICAO	None
Hazard Classification:	None
Hazchem Code:	N/A
Australian Classification Statement (ADG):	N/A
UN Number:	None
EU ADR/RID:	Not regulated
IMDG	Not regulated
IATA/ICAO	Not regulated
US DOT	Not regulated
Proper Shipping Name:	N/A

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Environmental Hazards:	None
Special Precautions during Transport:	None

15. REGULATORY INFORMATION

Precautionary Phrases:	For professional in-office use only. Keep out of reach of children.
AICS (Australia)	This product is a medical device and not subject to chemical notification requirements.
Poison Schedule:	None allocated
CA Prop 65:	No ingredients are subject to CA Prop 65 warning.
Note:	Refer to applicable international, national, and local regulations and provisions.

US Federal Regulations

<ul style="list-style-type: none"> EPA SARA 311/312 Hazard Classification: 	Not hazardous
<ul style="list-style-type: none"> EPA SARA 313: 	This product contains the following chemicals subject to annual release reporting requirements under SARA Title III, Section 313 (40 CFR 372): Sodium Nitrite 1-5%
<ul style="list-style-type: none"> Protection of Stratospheric Ozone: 	This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.
<ul style="list-style-type: none"> CERCLA Section 103: 	This product has an RQ of 2,000 lbs based on the RQ of the sodium nitrite of 100 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Canadian Regulations

<ul style="list-style-type: none"> National Pollutant Release Inventory (NPRI): 	This product contains the following chemicals subject to annual release reporting requirements NPRI: None
<ul style="list-style-type: none"> WHMIS Classification 	Class D-2-B This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations</i> and the SDS contains all the information required by the <i>Controlled Products Regulations</i> .

International Inventories

<ul style="list-style-type: none"> US EPA TSCA Inventory: 	All of the components of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt
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<ul style="list-style-type: none"> Canadian Environmental Protection Act: 	All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.
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16. OTHER INFORMATION	
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Legal Disclaimer:	Information contained in this SDS is based on data believed to be correct. This information does not purport to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information.
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SDS History	
Date of Issue:	August 25, 2023
Replaces Issue:	October 30, 2017
Changes made to previous issue:	Updated issue date to comply with mandated five-year requirement; In section 15 updated Australia AIC statement and added CA Prop 65 statement.