SAFETY DATA SHEET

BX-9465 STOCK SOLUTION 0.25% - 2.50%

Issued: 03/18/2021.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT TRADE NAME: BX-9465 STOCK SOLUTION, 0.25% - 2.50% BIO-HYDROX SOLUTION, PREMISE SYSTEM SOLUTION

PRODUCT CHEMICAL NAME: MINERAL OXYCHLORIDE STOCK SOLUTION

PRODUCT INTENDED USE: PREMISE WATER TREATMENT, PREMISE SYSTEM SANITATION, POTABLE WATER PURIFICATION

MANUFACTURING: 100% US MADE

MANUFACTURED FOR LEGIONELLA SPECIALTIES

Legionella Specialties
11718 S Brisbane Dr.
Sandy, UT 84094
Tel: (801) 918-8027

Email: info@legionellaspecialties.com
Telephone: (801) 918-8027
24 HR. EMERGENCY 1.800-222-1222 Poison Control
For any life-threatening situation: Dial 911

2. HAZARDS IDENTIFICATION:

CHEMICAL HAZARD: NOT APPLICABLE. PHYSICAL APPEARANCE: CLEAR TRANSPARENT WATER

POTENTIAL HEALTH EFFECTS

EYES: May cause temporary eye irritation.

SKIN: Will not affect the skin.

INGESTION: May cause nausea.

INHALATION: Will not affect the respiratory tract.

UNCLASSIFIED HAZARDS: Not applicable

SIGNAL WORD: Not applicable.

POTENTIAL CARCINOGENS AS LISTED BY OSHA, IARC, OR NTP: None


GHS PICTOGRAM:

No hazard:

Signal word (GHS-US): Not applicable.

<table>
<thead>
<tr>
<th>Hazard Statement(s)</th>
<th>Code</th>
<th>Statement</th>
<th>GHS Chapter</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>H320</td>
<td>May cause eye irritation</td>
<td>Low toxicity (Chapter 3.2)</td>
<td>3</td>
</tr>
</tbody>
</table>

PRECAUTIONARY STATEMENT(S)

P305, P351, P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P404+410: Store in a closed container. Protect from sunlight
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>C.A.S.</th>
<th>Approx. Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE INGREDIENT:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Oxychloride</td>
<td>7681-52-9</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>INACTIVE INGREDIENTS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary modified Fenton chemistry (Calcium Oxychloride, other)</td>
<td>8031-48-9</td>
<td>&lt; 0.3%</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 99%</td>
</tr>
</tbody>
</table>

* This chemical substance is non-hazardous, and the exact percentage of its composition has been withheld as a trade secret.

4. FIRST AID MEASURES

COMMON SYMPTOMS OF OVEREXPOSURE: No Applicable data available.

ADDITIONAL INFORMATION OR COMMENTS: No Applicable data available.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD, FLAMMABLE LIMITS: No applicable data available

GENERAL HAZARD: No applicable data available

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water spray.

FIRE FIGHTING EQUIPMENT: Product will not burn but may splatter if temperature exceeds boiling point.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Absorb spilled liquid. Wipe up with absorbent material.

EMERGENCY PROCEDURES: No applicable data available

GENERAL PROCEDURES: No applicable data available

7. HANDLING AND STORAGE

HANDLING: Use good industrial practices when handling.

STORAGE: Keep container closed when not in use. Avoid elevated and freezing temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS No.</th>
<th>Regulatory Limits</th>
<th>Recommended Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ppm</td>
<td>mg/m³</td>
<td>8-hour TWA (ST) STEL (C) Ceiling</td>
<td>Up to 10-hour TWA (ST) STEL (C) Ceiling</td>
</tr>
<tr>
<td>Sodium Oxychloride</td>
<td>7681-52-9</td>
<td>-</td>
<td>(C) 2 mg/m³</td>
</tr>
<tr>
<td>Proprietary formula of modified Fenton chemistry</td>
<td>None listed</td>
<td>None listed</td>
<td>None listed</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: No applicable data available
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: Liquid water
Odor: Slight chlorinated water
pH-value @ 68 °F: 8.4 to 8.8,
Boiling Point: 100°C
Freezing Point: -8°C (17°F)
Flammability: None
Support Combustion: No
Explosion Upper Limit: None
Relative Density: 1.05
Evaporation Rate: Not Determined
Partition coefficient: No data available

Appearance Color: Clear transparent
Decomposition Temp: No applicable data available
Specific Gravity: 1
Flash Point: Not Applicable
Melting Point: No data available
Ignition temperature: None
Auto Igniting: No
Explosion Lower Limit: None
Vapor pressure @ 68 °F: 12.1 mm Hg
Vapor Density: 2.61 (air= 1)
Solubility in Water: Complete
Density: 8.4 Lb/Gal estimated (3.8 Kg/Gal)

10. STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage and handling conditions.
REACTIVITY: No applicable data available.
POLYMERIZATION: Hazardous polymerization is not expected to occur under normal temperatures and pressures.
CONDITIONS TO AVOID: Heating will cause decomposition.
POSSIBILITY OF HAZARDOUS REACTIONS: No applicable data available.
INCOMPATIBLE MATERIALS: No applicable data available.
HAZARDOUS DECOMPOSITION MATERIALS: Under normal conditions of storage and uses, hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

SKIN: Not applicable
Skin Acute Toxicity: No applicable data available

EYES: Mildly irritating.

IARC: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.
NTP: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.
OSHA: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

MUTAGENICITY: Not determined

SENSITIZATION: Not a sensitizer
TERATOGENICITY: Not determined

REPRODUCTIVE EFFECTS: Not determined
TARGET ORGAN EFFECTS: Not determined

ADDITIONAL INFORMATION: No additional information
12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not toxic to the environment.

BIOACCUMULATION: Not resistant to degradation by biotic factors.

PERSISTENCE DEGRADABILITY: Degradation is expected under aerobic and anaerobic conditions.

ENVIRONMENTAL DATA: No applicable data available. Follow NPDES recommendations.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Observe all federal, state and local recommendations when disposing of this substance.

EMPTY CONTAINER: Empty containers are not hazardous.

DISPOSAL INSTRUCTIONS: Follow any regional local authority recommendations.

CONTAMINATED PACKAGING, RESIDUES, UNUSED PRODUCTS: No applicable data available, or call 800-424-9346, the RCRA Hotline.

14. TRANSPORT INFORMATION

RESTRICTIONS: DOT: None, TDG: None, road or rail, ICAO/ IATA: None per A197, IMDG/IMO: None per IMDG Code 2.10.2.7

D.O.T. (DEPARTMENT OF TRANSPORTATION) PROPER SHIPPING NAME: No applicable data available

UN SHIPPI NG NAME: NOT RATED PRIMARY HAZARD CLASS/DIVISION: NOT RATED AS HAZARDOUS

UN/NA NUMBER: NOT RATED PACKING GROUP No applicable data available

Label: NOT APPLICABLE Special provisions: No applicable data available

Packaging exceptions: No applicable data available

15. REGULATORY INFORMATION

1. TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed or exempt
2. SCA STATUS: On the inventory, or in compliance with the inventory
3. US FEDERAL REGULATIONS
4. TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): No applicable data available
6. CERCLA Hazardous Substance List (40 CFR 302.4), (SARA) SARA 302 Extremely hazardous substance: NO
7. Superfund amendments and reauthorization act of 1986): No applicable data available
8. SARA 304 Emergency release notification, SARA 311/312 Hazardous chemical: No applicable data available
9. SARA 313 (TRI reporting) NO
10. Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): No applicable data available
11. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): No applicable data available
12. US STATE REGULATIONS
13. US. California Proposition 65: NO
14. US. New Jersey Worker and Community Right-to-Know Act: No applicable data available
15. US. Massachusetts RTK - Substance List: No applicable data available
16. US. Pennsylvania RTK - Hazardous Substances: No applicable data available
17. US. Rhode Island RTK: No applicable data available

16. OTHER INFORMATION

MANUFACTURER SUPPLEMENTAL NOTES: no applicable data available

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PREPARED AND REVIEWED BY: ENVIROCLEEN LLC. APPROVED: 03/18/2021
## KEY OR LEGEND TO ABBREVIATIONS AND ACRONYMS USED IN THE SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition or Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Government Industrial Hygienists</td>
</tr>
<tr>
<td>AICS</td>
<td>Australia, Inventory of Chemical Substances</td>
</tr>
<tr>
<td>DSL</td>
<td>Canada, Domestic Substances List</td>
</tr>
<tr>
<td>NDSL</td>
<td>Canada, Non-Domestic Substances List</td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstract Service</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration 50%</td>
</tr>
<tr>
<td>EC</td>
<td>Effective Concentration</td>
</tr>
<tr>
<td>EC50g</td>
<td>Effective Concentration 50%</td>
</tr>
<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observable Adverse Effect Level</td>
</tr>
<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observable Adverse Effect Level</td>
</tr>
<tr>
<td>NZoC</td>
<td>New Zealand Inventory of Chemicals</td>
</tr>
<tr>
<td>EC50g</td>
<td>Effective Concentration 50%</td>
</tr>
<tr>
<td>NOEC</td>
<td>No Observed Effect Concentration</td>
</tr>
<tr>
<td>EOSCA</td>
<td>European Oilfield Specialty Chemicals Association</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Chemical Substances</td>
</tr>
<tr>
<td>PICCS</td>
<td>Philippines Inventory of Commercial Chemical Substances</td>
</tr>
<tr>
<td>MAK</td>
<td>Germany Maximum Concentration Values</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation Recovery Act</td>
</tr>
<tr>
<td>&gt; =</td>
<td>Greater Than or Equal To</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-term Exposure Limit</td>
</tr>
<tr>
<td>IC50</td>
<td>Inhibition Concentration 50%</td>
</tr>
<tr>
<td>SARA</td>
<td>Supershield Amendments and Reauthorization Act.</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>ICSC</td>
<td>Inventory of Existing Chemical Substances in China</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>KEDI</td>
<td>Korea, Existing Chemical Inventory</td>
</tr>
<tr>
<td>UVCBS</td>
<td>Unknown or Variable Composition, Complex Reaction Products, and Biological Materials</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Less Than or Equal To</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50%</td>
</tr>
</tbody>
</table>

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