
Identification 360B
Product Use Description: Inhibits corrosion in plasma water tables.
Trade Name: 360 Water Table Treatment
Manufacturers Name: Dynaflux, Inc.
241 Brown Farm Rd.
Cartersville, GA 30120 U.S.A.

Part 2: Hazards Identification

Signal Word: DANGER
H314: Causes severe skin burns and eye damage

Emergency Overview:
White, odorless, granular powder. Corrosive to eyes, skin and digestive tract. Dust corrosive to respiratory tract. Due to high pH of product, release into surface water is harmful to aquatic life. Noncombustible. Reacts with acids and some organics.

Potential Health Effects:
Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (corrosive). Inflammation of the eye is characterized by redness, watering and itching. Skin inflammation is characterized by itching, scaling, reddening or occasional blistering.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. NUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Exposure routes:
Eyes, Skin Contact, Inhalation, Ingestion.

Eye contact
Corrosive. Causes eye burns. GHS Category 2

Skin contact
Corrosive. Causes skin burns. GHS Category 3

Inhalation
Dust corrosive to respiratory tract.

Ingestion
Corrosive. Causes burns to mouth, esophagus and stomach. GHS Category 4

Chronic Effects:
No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.
Physical Hazards:
Can etch glass if not promptly removed.

HMIS Rating (U.S.) Health 2, Flammability 0, Reactivity 0

Part 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
<th>% by weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium metasilicate pentahydrate</td>
<td>10213-79-3</td>
<td>&gt;=75</td>
</tr>
</tbody>
</table>

Toxicological Date on Ingredients: Sodium metasilicate pentahydrate LD50: Not Available. LC50: Not Available.

Part 4: First Aid Measures

Eyes
Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Inhalation
Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Serious Inhalation: Not likely.

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. GHS Category 2

Part 5: Fire Fighting Measures

Flammability Classification: Non-flammable.
Auto-Ignition Temperature: Not Applicable.
Flash Points: Not Applicable.
Products of Combustion: Not Available.
Fire Fighting Instructions/Equipment: Not Applicable.
Special Remarks on Explosion Hazards: Not Available.

Part 6: Accidental Release Measures

Personal precautions
Wear chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots, NIOSH-approved dust respirator where dust occurs.

Environmental Hazards:
Sinks and mixes with water. High pH of this material is harmful to aquatic life. GHS Acute Category III

Small spill cleanup:
Carefully shovel orweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE).
Large Spill cleanup:
Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment PPE). In the case of contact with water, prevent runoff from entering into storm sewers and ditches which lead to natural waterways. Neutralize contaminated area and flush with large quantities of water. Comply with applicable environmental regulations.

Part 7: Handling and Storage

Handling
Do not get in eyes, on skin or on clothing. Do not breathe dust. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.

Storage
Store at temperatures below 150°F (65°C). Keep container tightly closed. Store in clean tightly closed steel, fiber or plastic container. Separate from acids, reactive metals and ammonium salts. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers. This product can absorb water from the air. In case of high humidity or storage for extended periods of time, use plastic bags to enclose product containers to avoid caking.

Part 8: Exposure Controls / Personal Protection

Engineering Controls:
Use only with adequate ventilation. Keep containers closed. Safety shower and eye wash fountain should be within direct access.

Respiratory Protection:
Use a NIOSH-approved dust respirator where dust occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134).

Skin Protection:
Wear body-covering protective clothing and gloves.

Eye Protection:
Wear chemical goggles.

Administrative Controls: Users of this product must be properly trained and qualified in its use.

Part 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State :</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor and Appearance:</td>
<td>Odorless; granular</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1):</td>
<td>1.08 (8.96 lbs./gal)</td>
</tr>
<tr>
<td>pH:</td>
<td>11.5 – 12.5</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Decomposes</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>72.2°C (162°F)</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not Available</td>
</tr>
<tr>
<td>Volatility:</td>
<td>Not Available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not Available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOC’s</td>
<td>0%</td>
</tr>
</tbody>
</table>
Part 10: Stability and Reactivity

Stability
Stable

Conditions to avoid
None Known

Polymerization
Will not occur.

Part 11. Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Sensitization to Product: Not Applicable

Chronic Effects on Humans: Very hazardous in case of skin contact (irritant), of ingestion. Slightly hazardous in case of skin contact


Reproductive Toxicity: Not Applicable

Teratogenicity: Not Applicable

Mutagenicity: Not Applicable

Part 12. Ecological Information

Acute Data:
This material has not been tested for primary eye irritation potential. However, on the basis of its high degree of alkalinity, it is regarded as corrosive to the eyes. When this material was tested for skin corrosion/irritation potential according to OECD Guidelines Section 404, it produced dermal corrosion.

Ecotoxicity: Not Available.

Part 13. Disposal Considerations

Disposed dry/solid material is not classified as a RCRA Hazardous waste. However, disposed water/wet solutions containing this material are classified as RCRA hazardous waste if they exhibit the corrosive characteristic (pH greater than or equal to 12.5) as defined in EPA rules at 40 C.F.R. §261.22 (a)(1).

Disposal Method: dispose in accordance with federal, state and local regulations.

Part 14. Transport Information

DOT Classification: Not a controlled material (United States).

This material is not regulated as a hazardous material.

UN Proper Shipping Name: Disodium trioxosilicate

Hazardous Class or Division: 8

UN Number: UN3253

Packaging Group: III

Part 15. Regulatory Information

CERCLA: No CERCLA Reportable Quantity has been established for this material.

Not an Extremely Hazardous Substance under §313. Hazard Categories under §§311/312: Acute

U.S. Toxic Substances Control Act (TSCA): All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.
Part 16. Other Information

Dynaflux, Inc.
241 Brown Farm Rd.
Cartersville, GA 30120
Prepared by: E. Schaffstall

Disclaimer of Expressed and implied Warranties:
The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the Safety Data Sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.