APPENDIX N

Material Safety Data Sheets for Chemical Dust Suppressants
Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Chemical Product Name: Magnesium Chloride, Magnesium Sulfate
Chemical Family: Alkali Metal/Halide
Chemical Name: Aqueous Magnesium Chloride and Magnesium Sulfate
Formula: MgCl₂
Molecular Weight: 95.22
Commercial Name: Dust-Off® Dust Suppressant

Manufacturer Emergency Telephone Numbers
Cargill Salt CHEMTREC (800) 424-9300
P. O. Box 364
Newark, CA 94560.0364

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Clear liquid.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Chloride</td>
<td>7786-30-3</td>
<td></td>
<td>29 - 33</td>
</tr>
<tr>
<td>Magnesium Sulfate</td>
<td>7487-88-9</td>
<td></td>
<td>1.0 - 3.8</td>
</tr>
<tr>
<td>Water</td>
<td></td>
<td></td>
<td>63 - 70</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

None

Potential Health Effects

Route(s) Of Entry: Inhalation, Skin, Ingestion.

Human Effects and Symptoms of Overexposure: Ingestion of large amounts can cause gastrointestinal upset and irritation of the stomach. No applicable information found for chronic systemic effects.

Acute Inhalation: Mist may cause slight irritation of nose; unlikely entry route.

Chronic Inhalation: Not Applicable

Acute Skin Contact: May cause minor irritation to sensitive persons.

Chronic Skin Contact: Not Applicable

Acute Eye Contact: Irritation; inflammation.
Chronic Eye Contact: Not Applicable

Acute Ingestion: May cause nausea or vomiting.

Chronic Ingestion: Not Applicable

Carcinogenicity
  NTP: Not listed as a carcinogen or mutagen.
  IARC: Not listed as a carcinogen or mutagen.
  OSHA: Not listed as a carcinogen or mutagen.

Medical Conditions Aggravated by Exposure: Possible skin irritation to sensitive persons.

4. FIRST AID MEASURES
First Aid For Eyes: For eye contact, flush eyes with large amounts of water, lifting eyelids occasionally.

First Aid For Skin: Flush with water.

First Aid For Inhalation: Remove to fresh air. Inhalation is an unlikely entry route.

First Aid For Ingestion: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

5. FIRE AND MEASURES
Flash Point: Not Applicable

Extinguishing Media: Not Applicable. This product is nonflammable.

Special Fire Fighting Procedures: May use a self-contained breathing apparatus if temperatures exceed 300 degrees F. (149 degrees C.).

6. ACCIDENTAL RELEASE MEASURES
Spill or Leak Procedures: Contain spills to prevent contamination of water supply or sanitary sewer system. Dispose of according to local requirements.

7. HANDLING AND STORAGE
Storage Temperature (min./max.):

Special Sensitivity: Do not apply directly to plant foliage or root zones, as concentrated magnesium chloride solutions may cause partial or complete defoliation. This product is designed to control dust on unpaved surfaces. Application of excessive amounts of Dust-Off directly adjacent to or directly upon paved surfaces may result in slippery conditions which present a safety hazard for foot and vehicular traffic.

Handling and Storage Precautions: Prolonged storage or subjecting the materials to temperatures below 30 degrees F. (-1 degree C.) can result in the formation of magnesium sulfate crystals. May evolve chlorine gas when in contact with strong acids or upon heating above 300 degrees F (149 degrees C.) Under normal applications, decomposition should not occur. Incompatible with sulfuric and nitric acids, caustics, ammonia and cyanides. A hazardous reaction involving magnesium chloride and 2-furan percarboxylic acid has been reported.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Eye Protection Requirements: Eyeglasses or goggles may be worn.
Skin Protection Requirements: Normal work gloves are adequate. Protective clothing may be worn, but is generally not required. Warm water showering and handwashing is suggested, if in direct contact with product, but is generally not required.

Respiratory/Ventilation Requirements: Not Necessary

Exposure Limits: Not Applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Slightly viscous, brown/amber liquid with a slight saline odor.

Color: Brown/amber liquid

Odor: Slight saline odor.

Boiling Point (760mm Hg) (°C): 108-123°

Melt Point/Freeze Point (°C): N/A

PH: 5.5 – 6.5

Solubility In Water (g/cc, %): 100%

Specific Gravity (H₂O=1): 1.306

Bulk Density:

% Volatile By Weight:

Vapor Pressure (mm Hg/30°C): 7.5

Vapor Density (Air=1): N/A

10. REACTIVITY

Stability: Stable

Incompatibilities: Avoid contact with strong acids. Incompatible with sulfuric and nitric acids, caustics, ammonia and cyanides. A hazardous reaction involving magnesium chloride and 2-furan percarboxylic acid has been reported.

Decomposition Products: May evolve chlorine gas when in contact with strong acids or upon heating above 300 degrees F. (149 degrees C.). Under normal applications, decomposition should not occur.

11. TOXICOLOGICAL INFORMATION

Description: Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not Listed

Environmental Degradation: Not Listed
13. DISPOSAL CONSIDERATIONS
   Waste Disposal Method: For disposal of this material as a waste, act in accordance with all applicable Federal, state, and local waste management regulations.

14. TRANSPORTATION INFORMATION
   D.O.T. Shipping Name: Not Listed
   Technical Shipping Name: Not Listed
   D.O.T Hazard Class: Not Listed
   U.N./N.A. Number: Not Listed
   Product Rq (lbs.): Not Listed
   D.O.T. Label: Not Listed
   D.O.T. Placard: Not Listed
   Freight Class Bulk: Not Listed
   Freight Class Package: Not Listed
   Product Label: N/A

15. REGULATORY INFORMATION
   OSHA Status: Not Listed
   TSCA Status: Not Listed
   Cercla reportable Quantity
   SARA Title III
      Section 302 Extremely
         Hazardous Substances: Not Listed
   Section 311/312
      Hazard categories: Not Listed
   Section 313
      Toxic Chemicals: Not Listed
   RCRA Status: Not Listed

   State Regulatory Information
   Component Name
      /CAS Number          Concentration          State-Code

16. OTHER INFORMATION
   Reason For Issue: Regulatory Communication
   Prepared By: Steve Karl
   Approved By: Sarah Hubert
Disclaimer: All statements, technical information and recommendations contained herein are, the best of our knowledge, reliable and accurate; however no warranty, either expressed or implied is made with respect thereto, nor will any liability be assumed for damages resultant from the use of the material described.

It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. It is also the responsibility of the user to maintain a safe workplace. The user should consider the health hazards and safety information provided herein as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.

This information is not intended as a license to operate under, or a recommendation to practice or infringe upon any patent of this Company or others covering any process, composition of matter or use.
1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: Durablend™ C

Recommended use of the chemical and restrictions on use: Road stabilization and dust control

Manufacturer: EnviroTech Services, Inc.
910 54th Ave, Suite 230
Greeley, CO 80634
Telephone: (970) 346-3900

Emergency Phone: CHEMTREC: (800) 424-9300

SDS Date of Preparation: 6/15/2017

2. HAZARDS IDENTIFICATION

GHS Classification:

<table>
<thead>
<tr>
<th>Physical</th>
<th>Health</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Hazardous</td>
<td>Eye Irritation Category 2A</td>
<td>Not Hazardous</td>
</tr>
</tbody>
</table>

GHS Label Elements:

![Warning!]

Causes serious eye irritation.

Wash thoroughly after handling.
Wear eye and face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Balance</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>10043-52-4</td>
<td>25-35%</td>
</tr>
<tr>
<td>Performance Additive</td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

The exact concentration is being withheld as a trade secret.
4. FIRST AID MEASURES

**Eye:** Flush victim's eyes with water for several minutes, while holding the eyelids apart. Get medical attention if irritation occurs and persists.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before reuse.

**Ingestion:** Do not induce vomiting. Rinse mouth with water and give one glass of water to drink. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if symptoms develop.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Most important Symptoms:** Causes eye irritation. May cause slight skin irritation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is not required.

5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

**Specific hazards arising from the chemical:** Thermal decomposition may yield hydrogen chloride, halogenated compounds, and chlorine gas.

**Special Protective Equipment and Precautions for Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling.

**Methods and Materials for Containment and Cleaning Up:** Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Flush spill area with water. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes, skin and clothing. Avoid breathing mists or aerosols. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area away from incompatible materials. Product may be corrosive to some metals.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Substance</th>
<th>None Established</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td></td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td></td>
</tr>
<tr>
<td>Performance Additive</td>
<td></td>
</tr>
</tbody>
</table>

**Engineering Controls:** Use with adequate general ventilation to minimize exposures.

**Respiratory Protection:** In operations where exposure levels are excessive, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Wear impervious gloves such as rubber or neoprene if needed to avoid prolonged skin contact.

**Eye Protection:** Safety glasses recommended.

**Other:** Long-sleeved clothing and long pants recommended to avoid prolonged skin contact. Suitable washing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Clear liquid with no odor.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not established</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Initial Boiling Point/Range</td>
<td>110-122°C (230-252°F)</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.28-1.40</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>5-10</td>
</tr>
<tr>
<td>VOC Content</td>
<td>Not determined</td>
</tr>
<tr>
<td>Octanol/Water Coefficient</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt;400 cP @ 40°C</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>None</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammable Limits: LEL</td>
<td>Not determined</td>
</tr>
<tr>
<td>UEL</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Strong oxidizing agents, concentrated acids, and some metals.

**Hazardous Decomposition Products:** When heated to decomposition emits hydrogen chloride, halogenated compounds, and chlorine gas.
11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: Ingestion may cause slight irritation with nausea, vomiting and diarrhea.
Inhalation: Inhalation of mists may cause slight irritation of the nose throat and upper respiratory tract.
Eye: May cause moderate irritation with pain and tearing.
Skin: May cause slight irritation on prolonged or repeated contact.
Sensitization: This material is not known to cause sensitization.
Chronic: None known.
Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.
Germ Cell Mutagenicity: None currently known.
Reproductive Toxicity: None currently known.

Numerical Measures of Toxicity:
No toxicity data available

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available
Persistence and Degradability: Biodegradation is not applicable to inorganic substances.
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other Adverse Effects: None known

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:
Proper Shipping Name: Not regulated
UN Number: None
Hazard Class/Packing Group: None
Labels Required: None

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Refer to Section 2 for OSHA Hazard Classification.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.
CANADA:
This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.
Canadian CEPA: All the components of this product are listed on the Canadian DSL.

16. OTHER INFORMATION

NFPA Rating: Health = 1  Flammability = 0  Instability = 0
HMIS Rating: Health = 2  Flammability = 0  Physical Hazard = 0

SDS Revision History:
11/18/2013: New SDS
1/22/2015: Updated SDS with new classification
6/15/2017: Reviewed, no changes made.

Disclaimer: This Safety Data Sheet (SDS) is provided in response to customer requests to address the safe handling of the product. All statements, technical information and recommendations contained herein are the best of our knowledge, reliable and accurate. This SDS is not intended to make any representation as to how the product will perform when used for its intended purpose by a user. In that regards the product is sold “AS IS” and nothing in this SDS should be deemed to be a representation or warranty of any injury, loss, or damage, of any kind or nature, which are sustained by or arise from the use of the product. Nothing in this SDS is intended to be a representation or warranty by the manufacturer of the accuracy, safety, or usefulness for any purpose of any technical information, materials, techniques, or practices.

The information contained in this Material Safety Data Sheet is, to the best of our knowledge, accurate and reliable. This information should be provided to all individuals handling this product. Federal, state, and local regulations should be followed when handling this product.
TRADE NAME: ENVIROKLEEN® Synthetic Organic Dust Control® (Series of Products)

advanced environmental performance solution

MANUFACTURER: Midwest Industrial Supply, Inc
1101 3rd Street SE
Canton, OH 44707

EMERGENCY PHONE NUMBER: 330-456-3121

RECOMMENDED USE: Dust Suppressant; Stabilizing Agent

CHEMICAL NAME: Isoalkane and binder system

SYNONYMS: Dust retardant and stabilization agent

SECTION II -- HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Irritant, 2B

SIGNAL WORD: Warning

HAZARD STATEMENT(S): Causes eye irritation

PRECAUTIONARY STATEMENT(S):
Flush eyes for several minutes.
Wash hands and exposed areas thoroughly.
Contact physician if irritation persists.

OTHER HAZARDS: None

SECTION III -- COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severly hydrotreated, high viscosity, synthetic iso-alkane</td>
<td>72623-86-0</td>
<td>&gt; 10%</td>
</tr>
<tr>
<td>Polyolefin</td>
<td>9003-27-4</td>
<td>&lt; 60%</td>
</tr>
</tbody>
</table>

SECTION IV -- FIRST AID MEASURES

INHALATION: Move subject to fresh air. If victim is not breathing, perform artificial respiration. Administer oxygen if available. Keep victim warm and at rest. Seek medical attention as soon as possible.

SKIN: Flush with large amount of water or wash with soap and water. Seek medical attention as soon as possible.

EYES: Flush eyes with flowing water at least 15 minutes. Get medical attention. Do not use any eye ointment. Remove contact lenses.
INGESTION: Envirokleen has a laxative effect and will be eliminated quickly. Seek medical attention. NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.

RECOMMENDATION TO FIREFIGHTERS ON SPECIAL PROTECTIVE EQUIPMENT OR PRECAUTIONS: Respirator and eye protection are required for firefighting personnel. May need to use SCBA (self-contained breathing apparatus as required.)

SECTION V -- FIREFIGHTING MEASURES

EXTINGUISHING MEDIUM: As this material is virtually not-flammable, use proper equipment to fight surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES: If a tank, railcar or tank truck is involved in a fire isolate for 0.5 miles in all directions. Shut off fuel to fire if it is possible to do so without hazard. If this is impossible, withdraw from the area and let the fire burn itself out under controlled conditions. Withdraw immediately in case of rising sound from venting safety device or any discoloration of the tank due to fire. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VI -- ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Safety glasses and gloves

SPILL AND LEAK PROCEDURES: ELIMINATE ALL IGNITION SOURCES. Stop leak without risk and contain spill. Absorb with inert absorbent materials such as clay or sand. Place absorbent in closed metal containers for later disposal or burn in appropriate facility. Keep spills out of sewers and open bodies of water.

SECTION VII -- HANDLING AND STORAGE

STORAGE: Keep in cool, dry, ventilated storage area and in closed containers. Keep away from sources of ignition and oxidizing materials.

HANDLING: KEEP AWAY FROM SOURCES OF IGNITION. Do not reuse empty containers. Practice good hygiene. Wash hands before eating. Launder clothes before reuse. Discard saturated leather goods.

SECTION VIII -- EXPOSURE CONTROL/PERSONAL PROTECTION

OSHA PEL (8 hour TWA) 5 mg/m$^3$ for synthetic product mists.
SAFETY DATA SHEET

VENTILATION: Under normal handling conditions special ventilation is not necessary. If operation generates mist or fumes, use ventilation of keep exposure to airborne contaminants below exposure limits.

RESPIRATORY PROTECTION: None required if good ventilation is maintained. If mist is generated by heating or spraying, use a NIOSH approved organic respirator with a mist filter.

EYE PROTECTION: Chemical splash, goggles recommended.

PROTECTIVE CLOTHING: Clothing to minimize skin contact, long sleeves, boots or shoes. For casual contact PVC gloves are suitable, for prolonged contact use neoprene or nitrile gloves.

SECTION IX -- PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Odor: None
Vapor Density: N/D
Solubility in Water: Insoluble
Relative Density: 0.82-0.87
Melting/Freezing Point: N/D
VOC Content: N/D
Viscosity: 25-345 cSt @ 22°C
Flashpoint: >170°C (338°F)
Flammable Limits LEL: N/D
Flammable Limits UEL: N/D
Odor Threshold: N/D
Initial Boiling Point/Range: >316°C (601°F)
Vapor Pressure: Negligible at ambient temperature
Evaporation Rate: N/D
pH: N/A, not an aqueous solution or emulsion
Octanol/Water Coefficient: N/D
Decomposition Temperature: N/D
Flammability (solid/gas): N/A
Auto Ignition Temperature: 351°C (664°F)

SECTION X -- STABILITY AND REACTIVITY

REACTIVITY: None
CHEMICAL STABILITY: Stable
CHEMICAL INCOMPATIBILITY: Can react with strong organic oxidizing materials
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide, smoke, hydrocarbons and irritating
HAZARDOUS POLYMERIZATION:
Does not occur under normal industrial conditions.

CONDITIONS TO AVOID:
Excessive heat and flame

SECTION XI -- TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

INHALATION: Inhalation is highly unlikely, however, prolonged or repeated inhalation of fumes or mists may cause irritation to the respiratory tract. Product deposits in lungs may lead to fibrosis and reduced pulmonary function.

SKIN: It is not a skin irritant, however, prolonged or repeated contact may cause skin irritation, dermatitis, or oil acne.

EYES: Prolonged or repeated contact may be irritating to eyes. Will not cause permanent damage.

INGESTION: Relatively non-toxic to digestive tract.

CARCINOGENICITY: Based on studies to date EnviroKleen® is not known to be carcinogenic to humans.
ACGIH (mists) - Based on available human studies, exposure to product mist alone has not demonstrated to cause human effects at levels below 5 mg/m3.
IARC - IARC group 3; cannot be classified as to carcinogenicity to humans.
NTP - No studies were found.
IRIS - No studies were found.
OSHA - OSHA PEL (8 hour TWA) = 5 mg/m3 for synthetic product mists.

GERM CELL MUTAGENICITY: N/D

REPRODUCTIVE TOXIN: Based on data to date, it does not pose a reproductive risk.

SECTION XII -- ECOLOGICAL INFORMATION

EnviroKleen Aquatic Toxicity Test Results

*Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms, EPA/600/4-90/027F.
*Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Water to Freshwater Organisms, EPA/600/4-91/002.
*Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Water to Marine and Estuarine Organisms, EPA/600/4-91/003.

<table>
<thead>
<tr>
<th></th>
<th>Ceriodaphnia dubia</th>
<th>Fathead minnow</th>
<th>Americamysis bahia</th>
<th>Rainbow Trout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute/Survival (mg/L)</td>
<td>LC50</td>
<td>&gt;1000</td>
<td>&gt;1000</td>
<td>&gt;1000</td>
</tr>
</tbody>
</table>

Revision Date: 5/22/2015
SAFETY DATA SHEET

NOEC: 1000 1000 1000 1000
LOEC: >1000 >1000 >1000 >1000

Chronic/Survival (mg/L)

LC50: >1000 >1000 >1000 >1000
NOEC: 1000 1000 1000 1000
LOEC: >1000 >1000 >1000 >1000

Chronic/Growth/Reproduction (mg/L)

LC50: >1000 >1000 >1000 >1000
NOEC: 1000 1000 1000 1000
LOEC: >1000 >1000 >1000 >1000

See attached test results:
1. ABC Laboratories, Inc. Americamysis bahia, Fathead minnow, Ceriodaphnia dubia.
2. ABC Laboratories, Inc. Rainbow trout

LC50 - Lethal Concentration, 50%
NOEC - No Observable Effects Concentration
LOEC - Lowest Observable Effects Concentration

The LC\textsubscript{50} level is the lethal concentration of the chemical under test that kills 50% of the test organisms in the specified amount of time. According to the EPA-540-9-85-006, suggested toxicity criteria for materials are listed in the table below.

Comparison of the EPA guidelines to the LC\textsubscript{50} levels of all species show that EnviroKleen\textsuperscript{®} is practically non-toxic to all species. When used and applied properly, EnviroKleen\textsuperscript{®} is not known to pose any ecological problems.

SECTION XIII -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Consult your local authorities for regulations. Preferred waste management: recycle or reuse, incinerate with energy recovery, disposal in a licensed facility. Disposal facility should be compliant with state, local and federal government regulations.

SECTION XIV -- TRANSPORTATION INFORMATION

DOT HAZARDOUS MATERIAL DESCRIPTION: Non-regulated
PROPER SHIPPING NAME: Envirokleen\textsuperscript{®}
UN NUMBER: N/D
HAZARD CLASS/PACKAGING GROUP: Non-regulated
LABELS REQUIRED: None

SECTION XV -- REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>NFPA RATING:</th>
<th>Health:</th>
<th>Flammability:</th>
<th>Instability:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
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<table>
<thead>
<tr>
<th>HMIS RATING:</th>
<th>Health:</th>
<th>Flammability:</th>
<th>Physical Hazard:</th>
<th>PPE:</th>
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<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

EPA SARA Title III hazard class: None
OSHA HCS hazard class: Eye irritant, 2B
EPA SARA Title III Section 313 (40CFR372)
Toxic Chemicals present in quantities greater than the "de minimus" level are: None

TSCA: Components of this product are listed on TSCA inventory
Canadian WHIMIS: This product is not a "controlled product" under the Canadian Workplace Hazardous Material Information System.
Canadian DSL: All components of this product are listed on Domestic Substance List.
California Proposition 65: Does not contain any Prop 65 chemicals.

SECTION XVI -- OTHER INFORMATION

LATEST REVISION: 22-May-15

ABBREVIATIONS AND SYMBOLS:

<table>
<thead>
<tr>
<th>N.D.</th>
<th>N.A.</th>
<th>N.T.</th>
<th>&lt;</th>
<th>&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Determined</td>
<td>Not Applicable</td>
<td>Not Tested</td>
<td>Less Than</td>
<td>More Than</td>
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