


<b>Section #1 - Chemical Product and Company Identification</b>							
Product Name:	<b>paracide™ 200</b>						
Chemical Family:	Slimicide/Microbiocide						
Company Information:	Paradigm Chemical and Consulting, LLC 3619 Cantrell Industrial Court Acworth, GA 30101 (Office) 678 945-6742 (Fax) 678-945-7742 www.paradigmchemical.com email: sales@paradigmchemical.com						
Emergency Phone:	<b>INFOTRAC 1-800-535-5053 (24 Hour Emergency Number)</b>						
<b>Section # 2 - Hazards Identification</b>							
Hazard Pictograms:							
Signal Word:	Danger						
GHS Classification:	Skin sensitization=Category 1A, Eye irritation=Category 1,						
Hazard Statement:	Eye Contact: May cause eye damage						
	Skin Contact: Causes severe skin burn. May cause allergic reactic skin reaction						
	Ingestion: May be harmful to ingest						
	Inhalation: May cause respiratory irritation. May cause drowsiness or dizziness						
Prevention:	Obtain special instructions before use. Do not handle until all safety precaustions have been read and understood. Use personal protective equipment as required. Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling.						
<b>Section # 3 - Composition/information on ingredients</b>							
	<table border="1"> <thead> <tr> <th><u>Hazardous Components</u></th> <th><u>CAS #</u></th> <th><u>% By Weight</u></th> </tr> </thead> <tbody> <tr> <td>2,2-Dibromo-3nitilopropionamide</td> <td>10222-01-2</td> <td>19.0-21.0%</td> </tr> </tbody> </table>	<u>Hazardous Components</u>	<u>CAS #</u>	<u>% By Weight</u>	2,2-Dibromo-3nitilopropionamide	10222-01-2	19.0-21.0%
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<b>Section # 4 - First Aid Measures</b>							
Eye Contact:	Flush with water for 15 minutes, holding lids open. Call a physician if irritation persists.						
Skin Contact:	Flush skin with plenty of water for at least 15 mintues while removing contaminated clothing and shoes.						
Ingestion:	Rinse mouth. Do not induce vomiting. Slowly provide victim with copious amounts of water. Seek immediate medical attention/advice.						
Inhalation:	Move victim to fresh air. Consult physician regarding any continued discomfort.						

**Section # 5 - Fire and Explosion Data**

Flash Point:	N/A
Flammable Limit:	LFL: N/A UFL: N/A
Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances.
Fire Fighting Instructions:	Use self-contained breathing apparatus with full face-piece and protection for skin
Combustion Products:	Toxic fumes of hydrogen chloride, nitrogen oxides and sulfur oxides will be generated by combustion
Special Hazards:	Material is corrosive

**Section # 6 - Accidental Release Measures**

Spill and Leak Procedures:	Do not allow material to contaminate ground water system. Prevent product from entering drains. Use personal recommended protection in section 8. Absorb the spill with spill pillows or inert solids such as clay or vermiculite, and transfer contaminated material to suitable containers for disposal.
Reportable Quantity:	None

**Section # 7 - Handling and Storage**

Handling:	Avoid eye contact. Avoid repeated or prolonged skin contact. Use proper PPE. Avoid breathing mist or vapor. Use only in a well ventilated area. Unvented containers may develop pressure. Open with caution. Wash hands thoroughly after handling. Eye wash stations and safety showers should be easily accessible to areas where product is used.
Storage:	Store in a cool place, dry place. Store away from incompatible material. Store away from sparks, flames.

**Section # 8 - Exposure Controls / Personal Protection**

Eyes and Face:	Safety glasses with side-shields or chemical splash goggles.
Skin:	Protective chemical gloves, an apron or other impermeable.
Respiratory:	NIOSH approved respirators should be worn if misting may occur and exposure is likely to exceed exposure limits.
Engineering Controls:	Handle in accordance with good industrial hygiene and safety practice.

<b><i>Section # 9 - Physical and Chemical Properties</i></b>	
Physical Appearance:	Clear, yellow to amber liquid
Odor:	Chlorine like
pH:	2.83 +/- 0.5
Boiling Point:	>70.00 C (158.0 F)
Freezing Point:	- 5.00°F / -20.6°C
Specific Gravity:	1.25 +/-0.05
Density:	N/A
Vapor Pressure (mm Hg):	4x10(-5) MM_HG at 25.0°C (77.0°F)
Vapor Density:	<1
% Volatile:	N/A
% VOC by EPA Method 24:	N/A
Solubility in Water:	Soluble
<b><i>Section # 10 - Stability and Reactivity</i></b>	
Chemical Stability	This product is stable under the recommended storage conditions.
Conditions to Avoid:	Light, Heat, heating to decomposition. Incompatible materials.
Incompatibility with Other Materials:	Strong Oxidizers, reducing agents, Bases.
Hazardous Decomposition:	Nitrogen oxides, hydrogen bromide. Bromine fumes.
Hazardous Polymerization:	Hazardous Polymerization does not occur
Special Remarks:	None
<b><i>Section # 11 - Toxicological Information</i></b>	
Eye:	Causes severe eye damage
Dermal:	Causes severe skin burns
Inhalation:	May cause irritation
Oral:	Harmful if swallowed
Chronic Effects:	Are not known.

**Section # 12 - Ecological and Environmental Information**

Ecological: Not Available

Environmental Fate: Not Available

**Section # 13 - Disposal Considerations**

Waste Disposal Method: Product must be disposed of properly under Federal/State regulations for industrial waste. Disposal to a landfill may be permitted pending compliance with 40 CFR 264.314 & 265.314. DO NOT rinse to a sanitary sewer.

RCRA: The requirements of the Federal Hazardous Waste regulations do not apply unless the waste fails to pass any of the EPA's four tests for determining Hazardous waste.

**Section # 14 - Transportation Information**

DOT: Non-regulated

Proper Shipping Name: Non-regulated

Hazard Class: Non-regulated

Identification Number: Non-regulated

Packing Group: Non-regulated

Reportable Quantity: None

Special Provisions for Transport: Non-regulated

**Section # 15 - Regulatory Information**

TSCA: All components of the product are listed on the Toxic Substance Control Act Inventory or are excluded from listing requirements.

CERCLA/SARA: Not Applicable

SARA Title III Section 313: Not Applicable

FDA Approvals: 21 CFR 176.170 and 21 CFR176.180

Canada: All components of the product are listed on the Canadian Domestic Substances List (DSL).

Other Regulations:

**Section # 16 - Other Information**

<u>HMIS</u>	Health Hazard	2	<i>Note: Personal protective equipment (PPE) is related to conditions of use. Determination of PPE is the responsibility of the employer. Refer to Section #8 of this MSDS for recommendations</i>
	Fire Hazard	1	
	Reactivity	0	
	Personal Protection		

**IMPORTANT:** This MSDS was prepared and it to be used only for this product in its present form. This information is believed to be accurate and is compiled from sources believed to be reliable. Buyer assumes all risk of use, storage, and handling. Paradigm will not be liable for any claim relating to a party's use of or reliance on information and data contained herein. Paradigm makes no warranty of merchantability or other warranty of any kind, expressed or implied, with respect to this information and assumes no liability for any direct, incidental, or consequential damages resulting from its use.