


Section #1 - Chemical Product and Company Identification										
Product Name:	paracide™ 150									
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:	INFOTRAC 1-800-535-5053 (24 Hour Emergency Number)									
Section # 2 - Hazards Identification										
Hazard Pictograms:										
Signal Word:	Danger									
GHS Classification:	Skin sensitization=Category 1B, Eye irritation=Category 1,									
Hazard Statement:	Eye Contact: May cause eye damage									
	Skin Contact: Causes severe skin burn. May cause allergic reactive 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 precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling.									
Section # 3 - Composition/information on ingredients										
	<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>Methylchloroisothiazolinone</td> <td>26172-55-4</td> <td>1.1 - 1.35</td> </tr> <tr> <td>Methylisothiazolinone</td> <td>2682-20-4</td> <td>0.35 - 0.45</td> </tr> </tbody> </table>	<u>Hazardous Components</u>	<u>CAS #</u>	<u>% By Weight</u>	Methylchloroisothiazolinone	26172-55-4	1.1 - 1.35	Methylisothiazolinone	2682-20-4	0.35 - 0.45
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Section # 4 - First Aid Measures										
Eye Contact:	Flush with water for 15 minutes, holding lids open. Call a physician if irritation persists.									
Skin Contact:	If on skin (or hair) remove/take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.									
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:	Keep containers tightly closed and store in a dry, cool and well ventilated place. Storage temperature > 1 °C (> 34 °F). Storage temperature 55°C (131°F). Container must be stored and transported in an upright position to prevent spilling.
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.

Section # 9 - Physical and Chemical Properties

Physical Appearance: Colorless to yellow liquid

Odor: pungent

pH: 2.0 - 4.0

Boiling Point: 100°C / 212°F

Freezing Point: N/A

Specific Gravity: 1.02

Density: N/A

Vapor Pressure (mm Hg): Not determined

Vapor Density: 0.6

% Volatile: N/A

% VOC by EPA Method 24: N/A

Solubility in Water: Completely Soluble

Section # 10 - Stability and Reactivity

Chemical Stability This product is stable under the recommended storage conditions.

Conditions to Avoid: Avoid storage at temperatures above or below recommended levels

Incompatibility with Other Materials: Strong Oxidizers, reducing agents, Amines and Mercaptans

Hazardous Decomposition: Thermal decomposition of product can produce toxic vapors of sulfur oxides, hydrogen chloride and oxides of nitrogen.

Hazardous Polymerization: Hazardous Polymerization does not occur

Special Remarks: None

Section # 11 - Toxicological Information

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 CFR 176.180

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

Other Regulations:

Section # 16 - Other InformationHMIS

Health Hazard	3
Fire Hazard	0
Reactivity	0
Personal Protection	

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

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.