


<b>Section #1 - Chemical Product and Company Identification</b>										
Product Name:	<b>paracide™ 415</b>									
Chemical Family:	Alkaline antimicrobial solution									
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 1B, Eye irritation=Category 1,									
Hazard Statement:	Eye Contact: Will cause eye burns and may cause permanent tissue damage.									
	Skin Contact: May cause severe irritation or tissue damage depending on the length of exposure and the type of first aid administered									
	Ingestion: Corrosive; causes chemical burns to the mouth, throat and stomach.									
	Inhalation: Irritating, in high concentrations, to the eyes, nose, throat and lungs.									
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.									
<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>Sodium Hydroxide</td> <td>1310-73-2</td> <td>&lt; 6.0%</td> </tr> <tr> <td>Sodium Hypochlorite</td> <td>7681-52-9</td> <td>&lt; 7.5%</td> </tr> </tbody> </table>	<u>Hazardous Components</u>	<u>CAS #</u>	<u>% By Weight</u>	Sodium Hydroxide	1310-73-2	< 6.0%	Sodium Hypochlorite	7681-52-9	< 7.5%
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Sodium Hypochlorite	7681-52-9	< 7.5%								
<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:	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. Never give an unconscious person anything to drink.									
Inhalation:	Move victim to fresh air. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention.									

<b>Section # 5 - Fire and Explosion Data</b>	
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:	Combustion generates toxic fumes of bromine gas and sodium oxide. Self-contained breathing apparatus, full protective gear, and impervious clothing is recommended. Use water spray to cool containers exposed to fire. Minimize exposure. DO NOT breathe fumes. Contain run-off.
Combustion Products:	No unusual fire and explosion hazards noted.
Special Hazards:	
<b>Section # 6 - Accidental Release Measures</b>	
Spill and Leak Procedures:	Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.
Reportable Quantity:	None
<b>Section # 7 - Handling and Storage</b>	
Handling:	It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Improper handling can be injurious to workers. Do not get in eyes, on skin, or on clothing. Avoid breathing mists. Use adequate ventilation. Wash thoroughly after handling
Storage:	Store the containers tightly closed. Keep away from incompatible materials. Store in suitable labeled containers.
<b>Section # 8 - Exposure Controls / Personal Protection</b>	
Eyes and Face:	Safety glasses with side-shields or chemical splash goggles.
Skin:	Skin contact should be minimized. Impervious gloves (butyl rubber/nitrile) are recommended. Body protective clothing and footwear recommended. Follow normal hygienic practices for handling chemicals.
Respiratory:	Not need under normal use conditions. VENTILATION: Local exhaust or general mechanical ventilation as required to minimize exposure or to maintain exposure levels per OSHA/ACGIH requirements.
Engineering Controls:	Eye wash facility and safety shower should be readily accessible.

<b>Section # 9 - Physical and Chemical Properties</b>	
Physical Appearance:	Light yellow liquid
Odor:	Slight chlorine
pH:	12.5
Boiling Point:	Not available
Freezing Point:	Not available
Specific Gravity:	1.20 - 1.30
Density:	Not available
Vapor Pressure (mm Hg):	Not available
Vapor Density:	Not available
% Volatile:	Not available
% VOC by EPA Method 24:	Not available
Solubility in Water:	Highly Soluble
<b>Section # 10 - Stability and Reactivity</b>	
Chemical Stability	Stable under normal temperature conditions and recommended use.
Conditions to Avoid:	
Incompatibility with Other	
Hazardous Decomposition:	Toxic gases/ vapors/ fumes of: Chlorine.
Hazardous Polymerization:	Hazardous Polymerization does not occur
Special Remarks:	None
<b>Section # 11 - Toxicological Information</b>	
Eye:	May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur. Vapor may cause eye irritation experienced as mild as discomfort and redness.
Dermal:	Brief contact may cause skin irritant with local redness. Prolonged contact may cause severe skin burns. Symptoms may include pain, severe local redness, swelling, and tissue damage.
Inhalation:	Move victim to fresh air. Aid in breathing, if necessary. Get immediate medical attention if symptoms persist.
Oral:	Not applicable
Chronic Effects:	Not applicable

<b>Section # 12 - Ecological and Environmental Information</b>		
Ecological:	Not Available	
Environmental Fate:	Not Available	
<b>Section # 13 - Disposal Considerations</b>		
Waste Disposal Method:	Absorb in vermiculite or dry sand, dispose in licensed special waste. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.	
RCRA:	Classified as a RCRA hazardous waste with a characteristic of corrosivity. D002	
<b>Section # 14 - Transportation Information</b>		
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:	None	
<b>Section # 15 - Regulatory Information</b>		
TSCA:	This product is a registered pesticide and as such is exempt from TSCA	
CERCLA/SARA	Not Applicable	
SARA Title III Section 313:	Not Applicable	
FDA Compliant:	176.3	
Canada:		
Other Regulations:		
<b>Section # 16 - Other Information</b>		
<u>HMIS</u>	Health Hazard 3	<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 0	
	Reactivity 1	
	Personal Protection	
<u>IMPORTANT:</u>	<p>This SDS 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.</p>	