

Section #1 - Chemical Product and Company Identification										
Product Name:	paraclean™ 336									
Chemical Family:	Alkaline Cleaning Compound									
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 2, Eye irritation=Category 2,									
Hazard Statement:	Eye Contact: Liquid sprays and mists are extremely corrosive to the eyes.									
	Skin Contact: May result in areas of destruction of the skin tissue. Sprays and mists may be corrosive to skin.									
	Ingestion: Ingestion of this material will cause burns to the mouth, throat, and esophagus.									
	Inhalation: Inhalation of sprays and mists may cause damage to the respiratory system.									
Prevention:	Prolonged or repeated breathing of sprays, mists, of dust in excess of the suggested TLV may cause damage to the respiratory system. Prolonged or repeated contact with the skin may cause irritation, redness, itching, and/or be potentially absorbed in harmful amounts. Persons with pre-existing dermatitis may be more susceptible to the effects of this product									
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>Sodium Hydroxide</td> <td>1210-73-2</td> <td>10-30</td> </tr> <tr> <td>Propylene Glycol Methyl Ether</td> <td>107-98-2</td> <td>3-9</td> </tr> </tbody> </table>	<u>Hazardous Components</u>	<u>CAS #</u>	<u>% By Weight</u>	Sodium Hydroxide	1210-73-2	10-30	Propylene Glycol Methyl Ether	107-98-2	3-9
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Section # 4 - First Aid Measures										
Eye Contact:	Immediately flush with water for 15 minutes, holding lids open. Call a physician promptly.									
Skin Contact:	Flush thoroughly with soap and water. Call a physician if irritation persists.									
Ingestion:	DO NOT INDUCE VOMITING! Give large amounts of water or milk. Call a physician immediately.									
Inhalation:	Move victim to fresh air. Consult physician.									

Section # 5 - Fire and Explosion Data	
Flash Point:	>200 degree's F by COC Method
Flammable Limit:	LFL: N/A UFL: N/A
Extinguishing Media:	Dry Chemical Foam, carbon dioxide, water fog
Fire Fighting Instructions:	Always wear self-contained breathing apparatus when fighting fires involving chemicals.
Combustion Products:	Flammable hydrogen gas may be liberated from contact with some metals.
Special Hazards:	None
Section # 6 - Accidental Release Measures	
Spill and Leak Procedures:	Use an inert material to absorb spill. Spill residual should be flushed with plenty of water and neutralized with dilute hydrochloric or acetic acid before discharging to a sanitary sewer system.
Reportable Quantity:	1000 lbs
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 closed when not in use. For maximum storage life, store at temperatures below 90 degrees F (32.2 degrees C) Keep from freezing. Never use a welding or cutting torch near stored material, even empty containers as product and residual can ignite potentially explosively.
Section # 8 - Exposure Controls / Personal Protection	
Eyes and Face:	Safety glasses with side-shields or chemical splash goggles
Skin:	Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.
Respiratory:	Wear NIOSH-approved respirator appropriate for the vapor or mist concentration at the point of use.
Engineering Controls:	Eye wash stations and showers should be available near this product.

Section # 9 - Physical and Chemical Properties				
Physical Appearance:	Dark liquid			
Odor:	Solvent			
pH:	>13			
Boiling Point:	>212 Degrees F			
Freezing Point:	N/A			
Specific Gravity:	1.16			
Density:	9.67			
Vapor Pressure (mm Hg):	17			
Vapor Density:	N/A			
% Volatile:	N/A			
% VOC by EPA Method 24:	6.00%			
Solubility in Water:	Miscible			
Section # 10 - Stability and Reactivity				
Chemical Stability	This product is stable under the recommended storage conditions.			
Conditions to Avoid:	None			
Incompatibility with Other Materials:	Acids and strong oxidizing agents. Some metals such as aluminum, tin, galvanized zinc, bronze or brass.			
Hazardous Decomposition:	On thermal decomposition oxides of carbon			
Hazardous Polymerization:	Will not occur			
Special Remarks:	None			
Section # 11 - Toxicological Information				
Eye:	N/A			
Dermal:	N/A			
Inhalation:	N/A			
Oral:	N/A			
Occupational Exposure Limits:	Sodium Hydroxide 1- Methoxy Propanol	ACGIH TLV 2.00 mg/m ³ 10.0 ppm	OSHA PEL 2.00 mg/m ³ 100.0 ppm	ACGIH STEL 2.00 mg/m ³ 150.0 ppm

Section # 12 - Ecological and Environmental Information

Ecological:	N/A
Environmental Fate:	N/A

Section # 13 - Disposal Considerations

Waste Disposal Method:	Use caution - spill material may be extremely slippery. Contain spilled material immediately and prevent it from entering the sewer or storm water system. Absorb or vacuum spilled material for proper disposal options.
RCRA:	Product and/or material used in the clean up must be disposed of properly under Federal/State regulations for industrial waste. This product when spilled or disposed of a supplied, has the characteristic of corrosively as defined in RCRA regulations 40 CFR 261. EPA Hazardous Waste Number: D002

Section # 14 - Transportation Information

DOT:	Regulated
Proper Shipping Name:	Corrosive Liquid, N.O.S (Contains Sodium Hydroxide)
Hazard Class:	8
Identification Number:	UN1760
Packing Group:	II
Reportable Quantity:	1000lbs
Special Provisions for Transport:	None

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	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	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.