

**Section #1 - Chemical Product and Company Identification**

Product Name:	<b>paraclean™ 211RT</b>
Chemical Family:	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:	<b>INFOTRAC 1-800-535-5053 (24 Hour Emergency Number)</b>

**Section # 2 - Hazards Identification**

Hazard Pictograms:	
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Signal Word:	Caution
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GHS Classification:	Skin sensitization=Category 1 Eye irritation=Category 1
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Hazard Statement:	Eye Contact:	May cause severe irritation and or burns. Corneal damage may occur if not promptly washed away with water.
	Skin Contact:	Causes slight irritation.
	Ingestion:	May cause nausea, vomiting, and diarrhea.
	Inhalation:	May cause irritation to nose, throat, and lungs.

Prevention:	Prolonged breathing of sprays in excess of the TLV may cause respiratory irritation.
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**Section # 3 - Composition/information on ingredients**

<u>Hazardous Components</u>	<u>CAS #</u>	<u>% By Weight</u>
Dipropylene Glycol Monomethyl Ether	34590-94-8	5-10
Aromatic Hydrocarbon	64742-94-5	1-4

**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 regarding any continued discomfort.

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

Flash Point:	>212 degrees F
Flammable Limit:	LFL: N/A UFL: N/A
Extinguishing Media:	Water spray, dry chemical foam, or carbon dioxide.
Fire Fighting Instructions:	Use self-contained breathing apparatus with full face-piece
Combustion Products:	Not available
Special Hazards:	None

**Section # 6 - Accidental Release Measures**

Spill and Leak Procedures:	Stop leak if you can without risk. Use appropriate PPE and confine spillage and absorb on sand, sawdust, or other available absorbents. Uncontaminated spilled material may be re-used. Retain all contaminated water for removal and treatment. DO NOT FLUSH TO SEWER.
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 closed when not in use. For maximum storage life, store at temperatures below 90 degrees F (32.2 degrees C) Keep from freezing.

**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:	Not needed under normal conditions of use. Use an approved MSHA or NIOSH respirator for nuisance mists or dusts.			
Occupational Exposure Limits:	ACGIH TLV DPM 100 ppm Aromatic Hydrocarbon	ACGIH STEL 150 ppm N/est ppm	OSHA 100 ppm N/est ppm	OSHA STEL 150 ppm N/est ppm

<b><i>Section # 9 - Physical and Chemical Properties</i></b>	
Physical Appearance:	Dark Brown Liquid
Odor:	Mild
pH:	4.6 - 5.8
Boiling Point:	212 Degrees F
Freezing Point:	N/A
Specific Gravity:	1.03
Density:	8.59
Vapor Pressure (mm Hg):	N/A
Vapor Density:	N/A
% Volatile:	N/A
% VOC by EPA Method 24:	10.80%
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:	Avoid high temperatures above 150°F.
Incompatibility with Other Materials:	Bases and strong oxidizing agents.
Hazardous Decomposition:	Oxides of Carbon
Hazardous Polymerization:	Will not occur
Special Remarks:	None
<b><i>Section # 11 - Toxicological Information</i></b>	
Eye:	N/A
Dermal:	Aromatic Hydrocarbon - Rat, adult LD50: 4,000mg/kg
Inhalation:	N/A
Oral:	DPM - Rat, adult LD50: 5,350 ppm Aromatic Hydrocarbon - Rat, adult LD50: 10,000mg/kg

# SAFETY DATA SHEET

**paraclean™ 211RT**

<b>Section # 12 - Ecological and Environmental Information</b>		
Ecological:	DPM: LC50/96 hours Fathead Minnow - 10,000 mg/l DPM: EC50/48 hours Daphnia - 5,000 mg/l	
Environmental Fate:	N/A	
<b>Section # 13 - Disposal Considerations</b>		
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.	
RCRA:	Product and/or material used in the clean up must be disposed of properly under The product when spilled or disposed of is a non-hazardous waste as defined in RCRA regulations (40 CFR 261)	
<b>Section # 14 - Transportation Information</b>		
DOT:	Regulated	
Proper Shipping Name:	Combustible liquid, N.O.S. (dipropylene glycol methyl ether; aromatic hydrocarbon)	
Hazard Class:	3	
Identification Number:	NA 1993	
Packing Group:	III	
Reportable Quantity:	None	
Special Provisions for Transport:	None	
<b>Section # 15 - Regulatory Information</b>		
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 Compliant:	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:		
<b>Section # 16 - Other Information</b>		
<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	
<u>IMPORTANT:</u>	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.	