



50-23 Twenty-Third Street
 Long Island City, NY 11101
 TEL: (718) 729-7200
 FAX: (718) 729-8677

MATERIAL SAFETY DATA SHEET

DATE PREPARED: **01/10/10 PK**

1. CHEMICAL PRODUCT IDENTIFICATION		VAPORENE 6200	
General Use: SPECIALTY CHEMICAL		TELEPHONE NUMBER: 718-729-7200 CALL CHEMTREC 24 HOURS 800-424-9300	
2. COMPOSITION/INFORMATION ON INGREDIENTS		EXPOSURE LIMITS 8 HRS. TWA (PPM)	
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)			
<u>Component</u>	<u>Hazard</u>	<u>CAS#</u>	<u>OSHA STEL</u>
<u>OSHA PEL</u>	<u>ACGIH TLV</u>		
Hydroxy Phosphono Acetic Acid	CORROSIVE	23783-26-8	NONE
Sodium Hydroxide Liquid	CORROSIVE	1310-73-2	NONE
Sodium Molybdate	IRRITANT	10102-40-6	NONE
			NONE
			NONE
			2 MG/M³
			1 MG/M³
			5 MG/M³
3. HAZARDS IDENTIFICATION			
EMERGENCY OVERVIEW: THIS LIQUID IS CORROSIVE.			
POTENTIAL HEALTH EFFECTS			
INHALATION:	SPRAY OR MIST MAY IRRITATE THE RESPIRATORY TRACT AND MUCOUS MEMBRANES.	EYE CONTACT:	MAY CAUSE SEVERE IRRITATION, DISCOMFORT OR INJURY. MAY ALSO BE ABRASIVE.
INGESTION:	MAY BE HARMFUL OR FATAL IF SWALLOWED.	CHRONIC:	INGESTION MAY CAUSE TOOTH ENAMEL EROSION
SKIN CONTACT:	CAUSES IRRITATION 7 SEVERE BURNS.	TARGET ORGANS:	POINT OF CONTACT.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N.D.			
4. FIRST AID MEASURES			
INHALATION:	REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.	SKIN CONTACT:	WASH WITH SOAP AND PLENTY OF WATER.
EYE CONTACT:	RINSE WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.	INGESTION:	DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
NOTES TO PHYSICIAN: NONE			
5. FIRE FIGHTING MEASURES			
Flashpoint (°F) and Method:	GREATER THAN 200 °F	Autoignition Temperature (°F):	N.D.
FLAMMABLE LIMITS:	Ingredient: N.D.	UEL:	N.D.
		LEL:	N.E.
GENERAL HAZARD:	IRRITANT	FIRE FIGHTING EQUIPMENT:	WEAR SELF CONTAINED BREATHING APPARATUS.
FIRE FIGHTING INSTRUCTIONS:			
EXTINGUISHING MEDIA:			
Foam:	YES	Alcohol Foam:	YES
Dry Chemical:	YES	Water:	YES
		CO2:	YES
		Other:	NONE
HAZARDOUS COMBUSTION PRODUCTS: NITROGEN OXIDES.			
NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:			
	0 – Insignificant	1 – Slight	2 – Moderate
	4 – Extreme	U – Unknown	* - No Information
Health	: 2		
Flammability	: 0		
Reactivity	: 0		
SPECIAL INFORMATION: CORROSIVE - ALKALI			

N/A: Not Applicable
 N/D: Not Determined
 N/E: Not Established
 * Where no corresponding data was contained in manufacturer's MSDS, additional research is required and is available upon request.



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PRODUCT: **VAPORENE 6200**

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6. ACCIDENTAL RELEASE MEASURES	
LAND SPILL: ABSORB, COLLECT AND DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL GUIDELINES.	WATER SPILL: REPORT TO THE APPROPRIATE AUTHORITIES.
7. HANDLING AND STORAGE	
STORAGE TEMPERATURE (°F): ROOM TEMPERATURE	STORAGE PRESSURE: ATMOSPHERIC
GENERAL: STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED, PROTECT AGAINST FREEZING AND WASH AFTER HANDLING.	
8. EXPOSURE CONTROL/PERSONAL PROTECTION	
ENGINEERING CONTROLS: LOCAL EXHAUST – USE WITH ADEQUATE VENTILATION.	
PERSONAL PROTECTION: GOGGLES	
RESPIRATOR: NONE	PROTECTIVE CLOTHING: RUBBER GLOVES AND APRON.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Vapor Pressure (mmHg) : N.D.	pH : 11.0 – 13.0
Specific Gravity : 1.25 – 1.30	Odor : N.D.
Solubility in Water : COMPLETE	Appearance : DARK AMBER COLOR
Freezing Point : N.D.	Physical State : LIQUID
Evaporation Rate (BuAc=1) : N.D.	Vapor Density (Air=1) : N.D.
Viscosity : N.D.	Percent Volatile by Vol. : N.D.
Boiling Point (°F) : N.D.	
10. STABILITY AND REACTIVITY	
GENERAL: STABLE	
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: STRONG ACIDS & OXIDIZING AGENTS.	
HAZARDOUS DECOMPOSITION PRODUCTS: NITROGEN OXIDES	
11. TOXICOLOGICAL INFORMATION	
CARCINOGENIC INFORMATION: N/E	
CAS#: NONE	% WT.: N/A
IARC: NOT LISTED NTP: NOT LISTED OSHA: NOT LISTED ACGIH: NOT LISTED OTHER: NOT LISTED	
12. ECOLOGICAL INFORMATION: LD50:3g/Kg ; IRRITATION SKIN RABBIT:500mg/24H MILD; EYE RABBIT: 750 ug/24H SEVERE	
13. DISPOSAL CONSIDERATION	
RCRA Hazard Class: NOT CONSIDERED A RCRA HAZARDOUS WASTE.	
14. TRANSPORT INFORMATION:	
DOT (Department of Transportation) Proper Shipping Name: COMPOUNDS CLEANING LIQUID, CONTAINS 1 HYDROXYETHYLEDINE DIPHOSPHONIC ACID Hazard Class: 8 Identification Number: UN 1760	
15. REGULATORY INFORMATION	
TSCA (Toxic Substance Control Act): ALL COMPONENTS ARE LISTED ON THE TSCA INVENTORY.	
CERCLA (Comprehensive Environmental Response Compensation, and Liability Act) IF SPILLED, THIS PRODUCT IS NOT SUBJECT TO ANY REPORTING UNDER CERCLA.	
SARA TITLE III (Superfund Amendments and Reauthorization Act) 311/312 Hazard Categories: NONE LISTED 313 Reportable Ingredients: NONE LISTED	
16. OTHER INFORMATION	
REFERENCE: PRODUCT FILE #	
THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL. IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.	

N/A: Not Applicable N/E: Not Established N/D: Not Determined

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