

# MATERIAL SAFETY DATA SHEET

000149

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>METROPOLITAN REFINING CO., INC.</b>		EMERGENCY TELEPHONE NO. <b>212-729-7200</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>50-23 23rd St., Long Island City, N. Y. 11101</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>VAPORENE G</b>
CHEMICAL FAMILY <b>Organic Phenolic Compound</b>	FORMULA <b>Sodium Penta Chloro Phenate Solution</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
<b>Sodium Penta Chloro Phenate</b>				<b>15</b>	

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>220</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>1.10</b>
VAPOR PRESSURE (mm Hg.)	-	PERCENT VOLATILE BY VOLUME (%)	<b>85</b>
VAPOR DENSITY (AIR=1)	-	EVAPORATION RATE (water = 1)	<b>1.0</b>
SOLUBILITY IN WATER	<b>Complete</b>		
APPEARANCE AND ODOR	<b>An amber liquid with pungent odor</b>		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<b>N.A.</b>	FLAMMABLE LIMITS	Lel	Uel
		<b>W.A.</b>		
EXTINGUISHING MEDIA	<b>Use CO<sub>2</sub> or dry chemical blanket</b>			
SPECIAL FIRE FIGHTING PROCEDURES	<b>wear gas mask acid organic canister</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS				