

MATERIAL SAFETY DATA SHEET

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

SECTION I

MANUFACTURER'S NAME METROPOLITAN REFINING CO., INC.		EMERGENCY TELEPHONE NO. 212-729-7200
ADDRESS (Number, Street, City, State, and ZIP Code) 50-23 23rd Street, Long Island City, New York 11101		
CHEMICAL NAME AND SYNONYMS CHROMATE CORROSION INHIBITOR		TRADE NAME AND SYNONYMS DRY VAPORENE B3
CHEMICAL FAMILY INORGANIC SALT	SODIUM DI CHROMATE AND SODIUM CARBONATE	

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)
SODIUM DI CHROMATE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	400°C Decomposes	SPECIFIC GRAVITY (H ₂ O=1)	for 70%	1.706 - Solution
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)		0.0
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____ =1)		NA
SOLUBILITY IN WATER	70%			
APPEARANCE AND ODOR A				

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NONE	FLAMMABLE LIMITS	NA	LeI	Uel
EXTINGUISHING MEDIA	NA				
SPECIAL FIRE FIGHTING PROCEDURES					
NA					
NA					
UNUSUAL FIRE AND EXPLOSION HAZARDS					
NA					

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

0.1 mg/cubic meter

EFFECTS OF OVEREXPOSURE

Inhalation: Causes irritation of respiratory system. Eyes: Irritation

and conjunctivitis - Skin: Irritation - May be fatal if swallowed in excessive amounts.

EMERGENCY AND FIRST AID PROCEDURES

Skin - Flush with water.

Eyes - Flush with water for 15 minutes, get medical attention.

Swallowed - Give magnesia, follow with emetic, get medical attention.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong acids and oxidizable materials.

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

FLUSH WITH WATER.

WASTE DISPOSAL METHOD

FLUSH WITH WATER.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Dust respirator. U.S. Bureau of Mines 2175

VENTILATION

LOCAL EXHAUST

SPECIAL

Model 7100

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Wear gloves.

EYE PROTECTION

Chemical Safety goggles.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

NORMAL GOOD HOUSEKEEPING PRACTICES

OTHER PRECAUTIONS