

Bailey/Sci Cond

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

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 Twenty-Third Street, Long Island City, New York 11101	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
CHEMICAL FAMILY Amine	CORRODINE 710 - CORRODINE 940
FORMULA Water Solution of Diethyl Amino Ethanol	

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)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	215	SPECIFIC GRAVITY (H ₂ O=1)	1.00
VAPOR PRESSURE (mm. Hg.)		PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	3.0	EVAPORATION RATE (Water=1)	1.0
SOLUBILITY IN WATER			
APPEARANCE AND ODOR	Colorless liquid with amine odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Above 200 F	FLAMMABLE LIMITS	Le:	Ue:
EXTINGUISHING MEDIA	Carbon dioxide, foam or water fog			
SPECIAL FIRE FIGHTING PROCEDURES	Water dilution. Self-contained breathing apparatus for fireman			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

10 ppm for Diethyl Aceto Ethanol

EFFECTS OF OVEREXPOSURE

Causes eye burns and mild skin irritation

EMERGENCY AND FIRST AID PROCEDURES

Flush eyes with water for 15 min., get medical attention. Flush skin with water. If ingested, give large quantities of water. Give one ounce of vinegar in one ounce of water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X None

INCOMPATIBILITY (Materials to avoid)

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide, carbon monoxide, nitrogen oxides, ammonia

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water.

WASTE DISPOSAL METHOD

Incinerate or flush with water.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Air-supplied mask in confined areas.

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

Preferred
Acceptable

OTHER

PROTECTIVE GLOVES

Wear rubber gloves.

EYE PROTECTION

Wear chemical goggles.

OTHER PROTECTIVE EQUIPMENT

Eye bath and safety shower.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and fire, avoid contact with skin, eyes and clothing.

OTHER PRECAUTIONS