

MATERIAL SAFETY DATA SHEET

Boilers

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

000146

SECTION I

MANUFACTURER'S NAME Rochester Midland		EMERGENCY TELEPHONE NO. 716-266-2283
ADDRESS (Number, Street, City, State, and ZIP Code) 333 Hollenbeck Street, Rochester, NY 14621		
CHEMICAL NAME AND SYNONYMS None	TRADE NAME AND SYNONYMS CL-2G CL-2G	
CHEMICAL FAMILY Corrosion inhibitor	FORMULA Mixture	

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)
Does not contain any hazardous substances as determined in 29 CFR, Part 1910.1200, "Hazardous Communication". (OSHA)					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H ₂ O=1)	1.104
VAPOR PRESSURE (mm Hg.)	as water	PERCENT, VOLATILE BY VOLUME (%)	84
VAPOR DENSITY (AIR=1)	as water	EVAPORATION RATE (water = 1)	1
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR	dark blue liquid, mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	None	Let	Uel
EXTINGUISHING MEDIA	As for surrounding fire				
SPECIAL FIRE FIGHTING PROCEDURES	None				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None

EFFECTS OF OVEREXPOSURE

Eye and skin: possible irritant. Ingestion: flushed face, nausea, dizziness, tremors

EMERGENCY AND FIRST AID PROCEDURES

Eyes or skin: flush with plenty of water. Ingestion: induce vomiting by giving large amounts of water, milk or egg white. Get medical attention as needed.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

None

INCOMPATIBILITY (Materials to avoid)

Do not mix with acids.

HAZARDOUS DECOMPOSITION PRODUCTS

None

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

Dike to contain spill. Keep out of water supplies. Reclaim as much as possible. Absorb with inert materials. Flush residue with water.

WASTE DISPOSAL METHOD

Dispose of on site or at an approved waste disposal facility.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not required

VENTILATION

LOCAL EXHAUST

SPECIAL

Not required

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Rubber or plastic

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

As needed to prevent prolonged or repeated skin contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Read label before using.

OTHER PRECAUTIONS

Wash contaminated clothing before reuse.

333 IIC JBECK STREET
 P.O. BOX 266
 ROCHESTER, NEW YORK 14601
 DLAND INDUSTRIAL PRODUCTS
 WATER-ENERGY DIVISION OF R.G.C.

Trade Name CS2 Boilers Formula No. Proprietary
 Synonyms _____
 Chemical Family Liquid organic
inorganic bler

SECTION 2 - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%
N/A	

SECTION 3 - PHYSICAL PROPERTIES

Boiling Point, 760 MM HG ---	Melting Point ---
Specific Grav. (H ₂ O=1) @60°C 1.26-1.27	Vapor Pressure ---
Vapor Density (Air=1) ---	Solubility in H ₂ O, % By Wt. Soluble
% Volatiles By Vol. ---	DECOMPOSES IN CONTACT WITH WATER pH 6.0-6.5
Appearance and Odor Liquid with slight ammonia odor	

SECTION 4 - FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point (Test Method) None			
Flammable Limits in Air, % By Vol.	Lower	Upper	
Extinguishing Media CO ₂ , Dry Chemical, water, foam			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazard None			

SECTION 5 - HEALTH HAZARD DATA

Threshold Limit Value None
Effects of Overexposure May be irritating to eyes and skin
EMERGENCY AND FIRST AID PROCEDURES
Eyes Wash with water for 15 minutes - call a physician.
Skin Wash with plenty of water.
Ingestion Induce vomiting - call a physician.
Inhalation Remove from exposure. Treat symptoms.

Product CS-2

MATERIAL SAFETY DATA SHEET

333 HOLLENBECK STREET

P.O. BOX 266

ROCHESTER, NEW YORK 14601

MIDLAND INDUSTRIAL PRODUCTS

WATER-ENERGY DIVISION OF R.G.C.

CS-2

Product

SECTION 6 - REACTIVITY DATA

Stability: Stable Unstable Conditions to Avoid _____

Materials to Avoid _____ None

Hazardous Decomposition Products _____ None

Hazardous Polymerization: Will Not Occur May Occur Conditions to Avoid _____

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to Take in Case Material is Released or Spilled _____ Wash down with water

Waste Disposal Method _____ No special method

SECTION 8 - SPECIAL PROTECTION INFORMATION

Type of Respiratory Protection Required _____ None

Ventilation: Local Exhaust ; Mechanical (General) ; Special (Specify) _____ Other (Specify) _____

Protective Gloves _____ Rubber _____ Eye Protection _____ Goggles

Other Protective Equipment _____ None

SECTION 9 - SPECIAL PRECAUTIONS

Handling and Storage Precaution _____ Avoid contact with skin and eyes. Do not take internally.

Other Precautions _____ None

Prepared By

John A. Miller

Title

Toxicology & Industrial Hygiene Consultant

Date

9/76

