

Summary Report
~~CONFIDENTIAL~~
Sublet/Air Cond

MATERIAL SAFETY DATA SHEET

● Section 1 – PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.	EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047	
CHEMICAL NAME AND SYNONYMS Cooling water treatment	TRADE NAME OR CODE IDENT. DEARBORN® 537

● Section 2 – INGREDIENTS

CAS No.

%

EXPOSURE CRITERIA

Sodium nitrite 7632-00-0 < 15.0%

Sodium hydroxide 1310-73-2 < 3.0%

Sodium borate 1330-43-4 < 10.0%

NFPA Code: 1-0-0

● Section 3 – PHYSICAL DATA

BOILING POINT, 760mm Hg	approx.	220° F.	MELTING POINT	N/A
SPECIFIC GRAVITY (H ₂ O = 1)		1.16	VAPOR PRESSURE @ 25°C.	Approx 17 mm Hg
VAPOR DENSITY (AIR = 1)		N/K	SOLUBILITY IN H ₂ O, % BY WT.	Complete
% VOLATILES BY VOLUME		N/K	EVAPORATION RATE, _____ = 1	N/K
APPEARANCE AND ODOR	Red liquid; no distinct odor		pH	12.1

● Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) None	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER UPPER	AUTO IGNITION TEMPERATURE
EXTINGUISHING MEDIA <input type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other		
SPECIAL FIRE FIGHTING PROCEDURES		

UNUSUAL FIRE AND EXPLOSION HAZARD

● Section 5 – REACTIVITY DATA

STABILITY (Normal Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID
INCOMPATIBILITY (Materials to Avoid) Acidic solutions	
HAZARDOUS DECOMPOSITION PRODUCTS Nitrogen oxide, carbon dioxide	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	CONDITIONS TO AVOID Freezing

(over)

• Section 6 HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Not expected

INGESTION

Harmful if swallowed. In case of ingestion, encourage vomiting using a mild emetic. After vomiting occurs, provide as much milk to drink as can be tolerated. Seek medical attention.

SKIN OR EYE CONTACT

Alkaline liquid; avoid eye contact or excessive contact with skin. If eyes are affected, flood with water for 15 minutes. If eye irritation persists, get medical attention. Wash off area of skin contact and remove contaminated clothing.

EMERGENCY AND FIRST AID PROCEDURES

• Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical adequate

RESPIRATORY PROTECTION (Specify Type)

None required

EYE PROTECTION

Goggles or face shield

GLOVES (Specify Type)

Rubber or plastic

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

• Section 8 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Collect using absorbent, place in container for proper disposal. Flush area of spill with water.

WASTE DISPOSAL METHOD Dispose using chemical scavenger service in auth. landfill. For additional disposal instructions, contact your state water pollution control agency. This product IS NOT an EPA Hazardous Waste.

• Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Protect from freezing and from physical damage. Freezes at 0°F. Vent drum carefully before removing bung to avoid sprays in case of internal pressure development during storage.

OTHER PRECAUTIONS

Keep away from children. For industrial application only.

Shipping Name DOT Compound Industrial Process Water Treating Liquid - NOT RESTRICTED

IATA

Prepared By W. M. Morris

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