

MATERIAL SAFETY DATA SHEET

● **Section 1 - PRODUCT IDENTIFICATION**

Manufacturer's Name DEARBORN DIVISION, W. R. Grace & Company	Emergency Phone No 312/438-8241
Address 300 Genesee St., Lake Zurich, IL 60047	
Synonyms Cooling water microbicide	Trade Name or Code Ident DEARCIDE 705

● **Section 2 - HAZARDOUS INGREDIENTS**

CAS NO.	%	EXPOSURE CRITERIA
EPA Reg. No. 4643-9		
ACTIVE INGREDIENT:		
N-Octadecenyl-1,3 Propanediamine Monogluconate	7173-62-8	26.1
INERT INGREDIENTS		
Hexylene glycol	107-41-5	15.0 Ceiling limit: 25 ppm
Other Inert ingredients	-	58.9

● **Section 3 - PHYSICAL DATA**

Boiling Point, 760mm Hg	> 212°F	Melting Point	NA
Specific Gravity(H ₂ O=1)	1.01	Vapor Pressure	ND
Vapor Density (Air=1)	ND	Solubility in H ₂ O(% by Wt.)	appreciable
% Volatiles by Volume	ND	Evaporation Rate (Bu Ac=1)	< 1
Appearance & Odor; Amber liquid with an amine odor		pH	8.8

● **Section 4 - FIRE & EXPLOSION HAZARD DATA**

Flash Point(and Method Used)	Flammable Limits in Air, % by Volume	Auto Ignition Temperature
None, water-based product	Lower NA Upper NA	NA

EXTINGUISHING MEDIA Water Fog Foam CO₂ Dry Chemical Other

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARD

None known

● **Section 5 - REACTIVITY DATA**

Stability(Normal Conditions)	CONDITIONS TO AVOID
<input checked="" type="radio"/> Stable <input type="radio"/> Unstable	Extreme heat

INCOMPATIBILITY(Materials to Avoid)
Acids, oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, nitrogen oxides, NH₃

HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID	
<input type="radio"/> May Occur <input checked="" type="radio"/> Will Not Occur	NA

MATERIAL SAFETY DATA SHEET (Continued)

●Section 6 - HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Avoid inhalation of vapors or mist which may irritate nose and throat.

Remove affected persons to fresh air.

INGESTION - Harmful if swallowed. If ingested, consult a physician immediately.

SKIN OR EYE CONTACT - Prolonged or frequent skin contact may cause irritation.

EYE CONTACT: Immediately flush eyes with water & seek medical attention.

SKIN CONTACT: wash immediately with soap & water. Remove contaminated clothing and wash before reuse.

EMERGENCY AND FIRST AID PROCEDURES

Seek medical treatment immediately as outlined above.

●Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical exhaust should be adequate

RESPIRATORY PROTECTION (Specify Type)

None special required in normal use.

EYE PROTECTION

Goggles or face shield

GLOVES (Specify Type)

Chemical gloves

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

Long sleeve work shirt and pants to minimize skin contact.

●Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED - Collect spills using absorbent and discard through authorized scavenger service. Flush residues to drain with water.

WASTE DISPOSAL METHOD - Triple rinse empty containers into system using the product and dispose of containers per EPA-DOT regulations referred to in Dearborn Technical Bulletin 51-104. Authorized chemical scavenger service recommended for disposal of product.

●Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep containers closed, when not in use and store away from extreme heat.

OTHER PRECAUTIONS - For industrial use only.

Shipping Name: DOT Compound Industrial Process Water Treating, Liquid

IATA

Prepared by S. Morss

Date 10/86

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