

Boiler Chemical

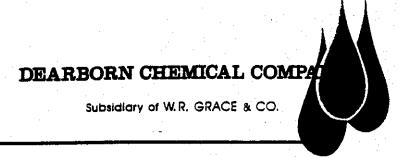
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CITY SCHOOL DISTRIC!

<ul> <li>Section 1 — PRODUCT IDENTIFICA</li> </ul>	TIÓN			
MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Sub	EMERGENCY P	HONE NO. 438-8241		
ADDRESS 300 Genesee St., Lake Zuric	h, IL 60047			
CHEMICAL NAME AND SYNONYMS			TRADE NAME OR CODE	DENT.
Cooling water microbicide	EPA Reg. No	o. 4643-10	DEARBORN AQUA-S	
Section 2 - INGREDIENTS	CAS No. %		EXPOSURE CRITERIA	
Alkyl trimethylene diamine		109-76-2 15.	0	
Isopropyl alcohol		67-63-0 2.0	O TWA: 400 1	opm
			NFPA Code: 1-0	)-0
<ul> <li>Section 3 – PHYSICAL DATA</li> </ul>				
BOILING POINT, 760mm Hg	N/K	MELTING POINT		N/A
SPECIFIC GRAVITY (H20 = 1)	0.998	VAPOR PRESSURE		N/K
VAPOR DENSITY (AIR = 1)	N/K	COLUMN TY IN LESS OF THE WAY		Complete
% VOLATILES BY VOLUME	N/K	EVAPORATION RATE, = 1		N/K
APPEARANCE AND ODOR alcoholic and	d with an line odor	ρН		8.2
● Section 4 — FIRE AND EXPLOSION I	HAZARD DATA			
FLASH POINT (and Method Used) None	<del></del>	LIMITS in AIR, % by VOI	LUME AUTO IGNITIO	N TEMPERATUR
EXTINGUISHING MEDIA XI Water Fog	☐ Foam	□ CO <sub>2</sub> □ Dry Ch	nemical Othe	er
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARD				· · ·
● Section 5 — REACTIVITY DATA				
STABILITY (Normal Conditions) COND	ITIONS TO AVOID	)		
🕱 Stable 📋 Unstable	•			
INCOMPATIBILITY (Materials to Avoid) w1	th oxidizing	material - should	be fed separatel	у
HAZARDOUS DECOMPOSITION PRODUCTS	Nitro	gen oxides		
HAZARDOUS POLYMERIZATION COND	DITIONS TO AVOI	D		
☐ May Occur ☐ Will Not Occur				

r	HEALTH HAZARD INFORMATIO	N	
EXPOSURE L			
NOE 6	established		
	OVEREXPOSURE		
INHALATI	ON		
None	expected		
INGESTIO			dilute with milk, egg whites or large
quantities	s of water. Consult a physicia	n.	
		•	
	N. C. C. C. T. C. T.	<u></u>	
			eyes, nose or throat. Irritating to skir
on proton;	ged or repeated contact. Avoid	er For	with skin, eyes or clothing. In case of eyes, flush with water for 15 minutes and
	physician.		cyco, IIIan with water for 15 minutes and
— <u>,</u> -			
ENEDGENOV	AND FIRST AID PROCEDURES	<u> </u>	
EMERGENCY	AND FIRST AID PROCEDURES		and the second of the second o
2 .			
	OREGIAL OROTEOTION INCORNA	TION	
	- SPECIAL PROTECTION INFORMA	ATION	
VENTILATION	N REQUIREMENTS		
-	•		
RESPIRATOR	Y PROTECTION (Specify Type)	-1	
	Mechanical e	xnaust is	adequate
EYE PROTEC	TION	GLC	VES (Specify Type)
		i	
· ·	Goggles or face shield		Rubber or plastic
OTHER PROT	ECTIVE CLOTHING AND EQUIPMENT (Sp.	ecify Type)	
	SPILL OR LEAK PROCEDURES	2011 1 5 D	
	TAKEN IF MATERIAL IS RELEASED OR S	110	p up small spills and flush to drain
with water	r, or use industrial absorbent	and incin	erate
ASTE DISPOS	AL METHOD Triple rinse empty	containe	rs into system using the product and dispos
containers	s per EPA-DOT regulations refer	red to in	Dearborn Technical Bulletin 51-104.
horized sc	avenger service is recommended	for dispo	sal of product according to EPA regulation
Section 9 -	- SPECIAL PRECAUTIONS		
RECAUTIONS	TO BE TAKEN IN HANDLING AND STORA	AGE A	gitate before using, keep container closed.
Freezes	at 24 ° F. or -4° C.		
THER PRECA	tor runnection alse of	ıly. Keej	out of reach of children.
•			
nipping Name:		Industria	d Process Water Treating, Liquid
	IATA		Prepared By W. M. Morris
•		-	Date: 6/78 (Revised 7/81)

MATERIAL SAFETY DATA SHEET (Continued)



## DISPOSAL OF DEARBORN MICROBICIDES and EMPTY MICROBICIDE CONTAINERS

## RECOMMENDED PROCEDURES

## MICROBICIDE CONTAINERS MAY BE DISPOSED OF AS FOLLOWS:

- (a) Combustible containers such as fiber, plastic or similar materials should be disposed of in a pesticide incinerator or buried in an authorized landfill, except for small quantities which may be disposed of by open burning, if allowed locally.
- (b) Non-combustible containers such as metal drums should be triple rinsed after emptying, and the rinse liquid applied to the system usually treated with the microbicide. Containers then may be re-sealed and shipped to a drum reconditioner using a DOT "EMPTY" label. The B/L description must show:

Specific DOT regulations can be found in 49 CFR Sections 172.203 (a) and (b) 172.450 and 173.29 (a) and (e).

(c) If the containers are <u>not</u> shipped to a drum reconditioner, the <u>rinsed</u> containers should be punctured to facilitate drainage prior to transport to a facility for recycling as scrap metal or for disposal. All rinsed containers may be crushed and disposed of by burial in a sanitary landfill which conforms to State or local standards. <u>Unrinsed containers</u> should be disposed of in an authorized landfill.

## PROHIBITED PROCEDURES

Do not dispose of any microbicide or its container:

- (a) In a manner differing from label instructions, or in violation of any applicable regulations.
- (b) By open dumping of the microbicide or its container.
- (c) By open burning of the microbicide or its container, except in the case of small quantities of combustible containers such as used for shipping DEARCIDE 708, 716 and 731.
- (d) So as to cause or allow fresh water or ocean dumping.