
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

TREXCIDE 470

MSDS ID: 02576

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TREXCIDE 470
PRODUCT DESCRIPTOR: COOLING TOWER BIOCIDES
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
TRICHLORO-S-TRIAZINETRIONE (87-90-1)	<95	0.5 TWA - 1.5 STEL	MG/M3
SODIUM BROMIDE (7647-15-6) EPA REGISTERED #935-75-3635	<10	NOT ESTABLISHED	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CORROSIVE TO SKIN AND EYES MISTS ARE CORROSIVE TO SKIN, EYES
AND RESPIRATORY TRACT WILL CAUSE IRRITATION TO NOSE AND
THROAT.
CHRONIC: SAME AS ABOVE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION.

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET
MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP
AND WATER.
INGESTION: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		EXTREMELY HIGH TEMPERATURES COULD BREAK DOWN INORGANIC CHLORINE RELEASING AGENT.	
EXTINGUISHING MEDIA:		WATER, FOAM, CO2, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:		WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. WILL RELEASE CHLORINE	

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V. FIRE FIGHTING MEASURES (Cont.)

GAS.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: FLUSH SMALL AMOUNTS TO DRAIN AFTER DILUTION AND NEUTRALIZATION. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: KEEP CONTAINERS CLOSED; KEEP FROM HEAT SOURCES. DO NOT REMOVE FROM DELIVERY CONTAINER. DO NOT USE WATER GREATER THAN 140 DEGREES F FOR DISSOLVING PRODUCT IN CONTAINER. DO NOT STORE NEAR FOOD.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES OR GOGGLES
PROTECTIVE GLOVES: RUBBER, ALKALI RESISTANT
RESPIRATORY PROTECTION: NONE UNDER NORMAL USAGE
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 1.3500
VOLATILE BY VOLUME: N/A SOLUBILITY IN WATER: 12
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: WHITE TABLET; MILD ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: TO 250 F
INCOMPATIBILITY WITH OTHER MATERIALS: FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, NITROGEN COMPOUNDS, STRONG ACIDS CAUSE VIOLENT REACTIONS.
HAZARDOUS DECOMPOSITION PRODUCTS: CHLORINE GASES IF HEATED ABOVE 250 DEGREES F.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

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XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL TRIPLE RINSE EMPTY CONTAINER, RETURN RINSE WATER TO OPERATION. CONSULT LOCAL OR STATE REGULATIONS FOR HAZARDOUS WASTE DISPOSAL. ALL CHEMICAL COMPONENTS ARE LISTED ON TSCA INVENTORY. 90% AVAILABLE CHLORINE

XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

NONE

LISTED CARCINOGEN: NONE

NTP: NO

IARC: NO

OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: C

STATE RIGHT-TO-KNOW INFORMATION:

TRICHLORO-S-TRIAZINETRIONE - CAS #87-90-1

SODIUM BROMIDE - CAS #7647-15-6

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.