
MATERIAL SAFETY DATA SHEET

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

X-CELL 434**MSDS ID: 04485**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: X-CELL 434
PRODUCT DESCRIPTOR: INDUSTRIAL MICROBIOCIDES
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

EPA REG # 1448-53-3635			
DISODIUM EYANODITHIOIMIDO	15	NONE EST.	
CARBONATE (138-93-2)			
POTASSIUM N-METHYLDITHIOCARBONATE	20	NONE EST.	
(137-41-7)			

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: NO
SKIN: NO
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CORROSIVE TO EYES AND SKIN. CAUSES BURNS TO EYES AND SKIN.
MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE RESPIRATORY
IRRITATION IF MIST OR SPRAY IS INHALED.
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Sensitive skin

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET
MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.
INGESTION: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: N/A IN NORMAL OPERATIONS

V. FIRE FIGHTING MEASURES

FLASH POINT: >212 DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:	LEL: NONE	UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS:	EXPOSURE TO FIRE MAY CAUSE EVOLUTION OF TOXIC GAS.	
EXTINGUISHING MEDIA:	WATER FOG, CO2, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:	WEAR PROTECTIVE GEAR AND SELF-CONTAINED	

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V. FIRE FIGHTING MEASURES (Cont.)

BREATHING APPARATUS IN FIRE AREA.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: SPILLS SHOULD BE ABSORBED IN SAND OR SAWDUST AND DISPOSED OF ACCORDING TO STATE AND LOCAL LAWS.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: KEEP CONTAINER CLOSED WHEN NOT IN USE. RECOMMENDED SHELF LIFE IS SIX MONTHS. DO NOT PRESSURE CONTAINER TO EMPTY.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GOGGLES, FACE SHIELD
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: ORGANIC CARTRIDGE RESPIRATOR IN AREA OF HIGH MIST OR ENCLOSED SPACE FOR SULFIDE FUMES.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: WEAR RUBBER SAFETY SHOES AND BODY PROTECTIVE CLOTHES EYE WASH IN USE AREA.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): >212 SPECIFIC GRAVITY: 1.2200
VOLATILE BY VOLUME: 65 SOLUBILITY IN WATER: N/A
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: CLEAR, RED ORANGE LIQUID; SULFIDE ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG OXIDIZERS, STRONG ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: INCOMPLETE COMBUSTION MAY RELEASE TOXIC GASES OF CARBON AND SULFUR, HYDROGEN SULFIDE, METHYLAMINE, METHYLISOTHIOCYARATE
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

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XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DO NOT REUSE EMPTY DRUM. TRIPLE RINSE AND DISPOSE ACCORDING TO STATE AND LOCAL LAWS. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL

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:
ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
LISTED CARCINOGEN: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: D
STATE RIGHT-TO-KNOW INFORMATION:
DISODIUM EYENODITHIOIMIDOCARBONATE - CAS #138-93-2
WATER - CAS #7732-18-5
POTASSIUM N-METHYLDITHEOCARBONATE - CAS #137-41-7

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.