
MATERIAL SAFETY DATA SHEET

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

GAX-20

MSDS ID: 02273

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GAX-20
PRODUCT DESCRIPTOR: 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
2,2-DIBROMO-3 NITRILOPROPIONAMIDE (10222-01-2)	5	NONE ESTABLISHED	

EPA REGISTERED #464-496-3635

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: NO
SKIN: NO
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: MAY CAUSE SKIN IRRITATION; CONTACT WITH EYES MAY CAUSE EYE DAMAGE.
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: INDUCE VOMITING IF LARGE AMOUNTS ARE DIGESTED. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

V. FIRE FIGHTING MEASURES

FLASH POINT: >200 DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:	LEL: ND	UEL: ND
UNUSUAL FIRE OR EXPLOSION HAZARDS:	NONE KNOWN	
EXTINGUISHING MEDIA:	DRY CHEMICALS, WATER FOG, ALCOHOL FOAM	
FIRE FIGHTING INSTRUCTIONS:	WEAR SELF-CONTAINED BREATHING APPARATUS AND GOGGLES	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL. ABSORB WITH SPILL DRY.
DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: AVOID BREATHING MISTS AND VAPORS FROM HEAD
SPACE OF NEWLY OPENED CONTAINERS. AVOID DILUTION WITH WATER, STORE BELOW 95F,
35C. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT PRESSURE CONTAINER TO
EMPTY.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES
PROTECTIVE GLOVES: YES
RESPIRATORY PROTECTION: NONE
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): >350 SPECIFIC GRAVITY: 1.1000
VOLATILE BY VOLUME: <5 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: CLEAR LIGHT YELLOW LIQUID.

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG BASES.
HAZARDOUS DECOMPOSITION PRODUCTS: METHYLBROMIDE, ETHYLBROMIDE, HYDROGEN
CYANIDE, NITRIC OXIDE
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY
CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL
BEFORE SELLING CONTAINER OR DISPOSAL DISPOSE OF ACCORDING TO FEDERAL, STATE
AND LOCAL REGULATIONS. NOTE: IF EMPTY CONTAINERS STORED SEVERAL DAYS.
SUGGEST ADDITION OF WATER TO PREVENT FORMATION OF CYANOGEN BROMIDE. 1-5 GAL IN
55 GAL DRUM. PH RANGE: L5

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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:

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

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

PERSONAL PROTECTIVE EQUIPMENT: B

STATE RIGHT-TO-KNOW INFORMATION:

2,2-DIBROMO-3-NITRILOPROPIONAMIDE - CAS #10222-01-2

WATER - CAS #7732-18-5

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.