
MATERIAL SAFETY DATA SHEET

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

GLASS-X AEROSOL**MSDS ID: 07021**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GLASS-X AEROSOL
PRODUCT DESCRIPTOR: AEROSOL GLASS CLEANER
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-BUTOXYETHANOL (111-76-2)	<5	TLV 25S; PEL 25S; STEL 75	PPM
ISOPROPANOL (67-63-0)	<10	TLV 400; PEL 400; STEL 500	PPM
PROPANE (74-98-6)	3	PEL 1000	PPM
BUTANE (106-97-8)	5	TLV 800; PEL 800	PPM
NON-HAZARDOUS:			
WATER (7732-18-5)			

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: DEFATS SKIN; IRRITATES EYES. EXPOSURE CAUSES INCREASED BLOOD CELL FRAGILITY, WHICH AGGRAVATES HEMATOPOIETIC SYSTEM.
CHRONIC: AT INDUSTRIAL EXPOSURE LEVELS, NO POSITIVE EVIDENCE EXISTS PRESENTLY THAT INDICATES ANY CHRONIC EFFECTS ON HUMANS DIFFERENT THAN THOSE LISTED ABOVE 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.
INGESTION: GIVE WATER. INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: N/A IN NORMAL OPERATION.

V. FIRE FIGHTING MEASURES

FLASH POINT: 101 DEG F FLAME EXTENSION: <18 IN.
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: 12 UEL: 2
UNUSUAL FIRE OR EXPLOSION HAZARDS: DO NOT THROW INTO FIRE OR INCINERATOR AS CONTAINER MAY BURST.

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V. FIRE FIGHTING MEASURES (Cont.)

EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICALS
FIRE FIGHTING INSTRUCTIONS: KEEP CONTAINERS COOL WITH WATER SPRAY TO
HELP PREVENT BURSTIN. PROVIDE SHIELDING TO
PROTECT PERSONNEL AGAINST BURSTING OR
VENTING CONTAINERS.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: WIPE UP.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE AT ROOM TEMPERATURE. DO NOT STORE
ABOVE 120F.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: NONE
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILIING POINT (F): 200 SPECIFIC GRAVITY: 0.9800
VOLATILE BY VOLUME: 18 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: AEROSOL UNDER PRESSURE

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, HYDROGEN
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: CONTAINS NO PHENOLS, HEAVY METAL IONS OR PHOSPHATES.
AEROSOL DISPOSAL. WRAP EMPTY CONTAINER IN PAPER, DISPOSE TO SOLID WASTE.

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:
THIS PRODUCT CONTAINS 2-BUTOXYETHANOL, CAS #111-76-2, AT 2.0% IN THE FORMULATION. THIS INGREDIENT IS SARA REPORTABLE.
LISTED CARCINOGEN: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 1 FIRE: 2 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: 1
STATE RIGHT-TO-KNOW INFORMATION:
N/A

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.