
MATERIAL SAFETY DATA SHEET

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

COLD SCRUB**MSDS ID: 00900**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COLD SCRUB
PRODUCT DESCRIPTOR: LOW TEMPERATURE 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 120 S; PEL 120 S	MG/M3
METHANOL (67-56-1)	<15	TLV 260; PEL 260	MG/M3
ETHOXYLATED ALCOHOL (68439-46-3)	<5	NONE ESTABLISHED	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CAUSES EYE IRRITATION. PROLONGED CONTACT MAY CAUSE SKIN DRYNESS.
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 IF IRRITATION CONTINUES.
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION IF IRRITATION CONTINUES.
INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION CONTINUES.

V. FIRE FIGHTING MEASURES

FLASH POINT: 126	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:		CO2, FOAM, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:		NONE	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: WIPE UP SMALL AMOUNTS OR FLUSH TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. KEEP BUNGS IN CONTAINER. IF FROZEN, RETURN TO PRODUCING PLANT. STORE IN COOL AREA. KEEP AWAY FROM IGNITION SOURCES.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES ON SAFETY GLASSES WITH SIDE SHIELDS
PROTECTIVE GLOVES: CHEMICAL RESISTANT FOR SENSITIVE SKIN
RESPIRATORY PROTECTION: NOT USUALLY REQUIRED
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILIING POINT (F): ND SPECIFIC GRAVITY: 0.9800
VOLATILE BY VOLUME: ND SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): ND AT C
APPEARANCE AND ODOR: CLEAR GREEN LIQUID; ALCOHOL ODOR.

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CHLORINATED CLEANERS, BLEACHES, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: FORMS OXIDES OF CARBON WITH INCOMPLETE COMBUSTION
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: PH ADJUSTMENT; NO PHOSPHORUS. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. ALL CHEMICAL COMPONENTS ARE LISTED ON TSCA INVENTORY.

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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:**

THIS PRODUCT CONTAINS 2-BUTOXYETHANOL (CAS #111-76-2) AT 3.0% IN THE FORMULATION. THIS INGREDIENT IS REPORTABLE AS A GLYCOL ETHER COMPOUND.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 1 FIRE: 2 REACTIVITY: 0**PERSONAL PROTECTIVE EQUIPMENT: B****STATE RIGHT-TO-KNOW INFORMATION:****2-BUTOXYETHANOL - CAS #111-76-2****WATER - CAS #7732-18-5****SODIUM SILICATE (6834-92-0)****CAUSTIC SODA (1310-73-2)****METHANOL - CAS #67-56-1****ETHOXYLATED ALCOHOL - CAS #68439-46-3**

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.