
MATERIAL SAFETY DATA SHEET

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

DSR-9 CONCENTRATE**MSDS ID: 07875**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DSR-9 CONCENTRATE
PRODUCT DESCRIPTOR: ALKALINE CLEANER
MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800)851-7145

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
SODIUM HYDROXIDE (1310-73-2)	<2	TLV 2, PEL 2	MG/M3
SODIUM METASILICATE (6834-92-0)	1	NONE ESTABLISHED	
DIETHYLENE GLYCOL METHYL ETHER (111-77-3)	1	NONE ESTABLISHED	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: NO
SKIN: YES
INGESTION: YES

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: MAY BE HARMFUL IF SWALLOWED. CAUSES SKIN AND EYE IRRITATION
OR BURNS.

CHRONIC: SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

IV. FIRST AID MEASURES

EYES: FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL
ATTENTION.
SKIN: WASH WITH WATER
INGESTION: IF SWALLOWED, DRINK WATER. DO NOT INDUCE VOMITING. GET MEDICAL
ATTENTION IMMEDIATELY.
INHALATION: Remove to fresh air.

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:		NONE KNOWN	
EXTINGUISHING MEDIA:		WATER	
FIRE FIGHTING INSTRUCTIONS:		WEAR PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: SMALL--MOP UP EXCESS INTO BUCKET OF WATER. FLUSH TO SANITARY SEWER SYSTEM WITH WATER. LARGE--DIKE AREA WITH ABSORBENT MATERIAL. PUMP LIQUID TO INTACT CONTAINER. CAREFULLY NEUTRALIZE RESIDUE WITH DILUTE ACID, SUCH AS VINEGAR. FLUSH TO SANITARY SEWER SYSTEM WITH WATER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE CONTAINER TIGHTLY CLOSED IN COOL, DRY LOCATION.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: PROVIDE NIOSH RESPIRATOR IF TLV IS EXCEEDED.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING TO PREVENT PROLONGED SKIN CONTACT
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 215 SPECIFIC GRAVITY: 1.1040
VOLATILE BY VOLUME: 1 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 17 AT 20 C
APPEARANCE AND ODOR: CLEAR, AMBER LIQUID; SLIGHT BURNT SUGAR ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: ACIDS, STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: TRIPLE RINSE CONTAINER WITH COLD WATER, THEN DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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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 DIETHYLENE GLYCOL METHYL ETHER (CAS #111-77-3) AT 1%, WHICH IS SARA REPORTABLE.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

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

PERSONAL PROTECTIVE EQUIPMENT: C

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS #7732-18-5

SODIUM METASILICATE - CAS #6834-92-0

DIETHYLENE GLYCOL METHYL ETHER - CAS #111-77-3

NONYLPHENOXYPOLYETHOXY GLYCOL - CAS #9016-45-9

TETRASODIUM ETHYLENE DIAMINETETRAACETATE - CAS #64-02-8

SODIUM HYDROXIDE - CAS #1310-73-2

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.