
MATERIAL SAFETY DATA SHEET

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

DUBOIS RECIRC**MSDS ID: 01355**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DUBOIS RECIRC
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)	10	TLV 2; PEL 2 (CEILING)	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: CAUSES BURNS TO EYES AND SKIN, INHALATION OF MISTS OR DUSTS
IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG
TISSUE. HARMFUL IF SWALLOWED.

CHRONIC: NO KNOWN HAZARDS

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SENSITIVE SKIN, DUST OR MIST MAY AGGRAVATE RESPIRATORY
DISEASE.

IV. FIRST AID MEASURES

EYES: IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15
MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION
PERSISTS.

SKIN: IMMEDIATELY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES
AND SHOES.

INGESTION: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL
ATTENTION. NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: NONE	UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS:		LIQUID CORROSIVE MATERIAL	
EXTINGUISHING MEDIA:		WATER SPRAY, CO2, DRY CHEMICAL	
FIRE FIGHTING INSTRUCTIONS:		WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS. CERCLA PRODUCT RQ = 10,000 LBS OR 1,093 GALLONS

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN COOL, DRY PLACE. KEEP OUT OF THE REACH OF CHILDREN. KEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. KEEP AWAY FROM ACIDS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES, SIDE SHIELD SAFETY GLASSES, OR FACE SHIELD
PROTECTIVE GLOVES: RUBBER/CHEMICAL RESISTANT
RESPIRATORY PROTECTION: WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST, SPRAY, OR DUSTY CONDITIONS.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 220 SPECIFIC GRAVITY: 1.1000
VOLATILE BY VOLUME: 85 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 21.4 AT 20 C
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID; NO ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: FLAMMABLE LIQUIDS, ACIDS, ORGANIC HALOGENS, ALUMINUM, SOFT METALS, HEAT, AND NITROGEN CONTAINING CHEMICALS (AMMONIA).
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, HYDROGEN UPON CONTACT WITH ALUMINUM; CHLORINE, ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR HEATED OVER 250F.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

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XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: CORROSIVE MATERIAL - D002 RCRA HAZARDOUS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER, ADD RINSATE TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.

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:
SODIUM HYDROXIDE (1310-73-2) HAS NOT BEEN SARA 313 REPORTABLE SINCE 1989.
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:
SODIUM HYDROXIDE - CAS #1310-73-2
SODIUM POLYACRYLATE - CAS #9003-01-4
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.