

DUBOIS LIQUID BREAK

MSDS ID: 01278

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DUBOIS LIQUID BREAK
PRODUCT DESCRIPTOR: LIQUID LAUNDRY BUILDER
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
SODIUM HYDROXIDE (1310-73-2)	<36	TLV C 2; PEL C 2	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CORROSIVE. CAUSES SEVERE BURNS TO SKIN AND EYES. MISTS ARE
CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT MAY BE FATAL IF
SWALLOWED.
CHRONIC: NO KNOWN CHRONIC HAZARDS.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN, EYES, IMPAIRED PULMONARY FUNCTION.

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET
MEDICAL ATTENTION IMMEDIATELY.
SKIN: FLUSH WITH FRESH WATER FOR 15 MINUTES. REMOVE CONTAMINATED
CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN
AREA.
INGESTION: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, 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: PRODUCT SOLUTIONS IN CONTACT WITH ALUMINUM
CAUSES SEVERE CORROSION AND RELEASES
HYDROGEN GAS.
EXTINGUISHING MEDIA: CO2, DRY CHEMICALS
FIRE FIGHTING INSTRUCTIONS: WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN
CONTACT AND SELF-CONTAINED BREATHING

MATERIAL SAFETY DATA SHEET

Page 2 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

DUBOIS LIQUID BREAK**MSDS ID: 01278**

V. FIRE FIGHTING MEASURES (Cont.)

APPARATUS.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: STOP LEAKS AND CONTAIN SPILLS. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACIDS AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = 2,829 LBS. OR 244 GAL.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP AWAY FROM ACIDS. STORE IN A COOL AREA AWAY FROM HEAT SOURCES. DO NOT STORE WITH FOOD.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES, FACESHIELD
PROTECTIVE GLOVES: RUBBER, PVC, OR CHEMICALLY RESISTANT
RESPIRATORY PROTECTION: WEAR NIOSH APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: SAFETY SHOWER/EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR WHEN HANDLING.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): 234 SPECIFIC GRAVITY: 1.3900
VOLATILE BY VOLUME: 50 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): 17.5 AT 20 C
APPEARANCE AND ODOR: CLEAR AMBER LIQUID; SLIGHT AMMONIA ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, STRONG ACIDS CAUSE VIOLENT REACTIONS.
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

MATERIAL SAFETY DATA SHEET

Page 3 of 3
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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. ADJUST PH BEFORE DISPOSAL. RECYCLE CONTAINER OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. WASTE SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, AND PONDS.

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:
ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
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
WATER - CAS #7732-18-5
SODIUM AMINOTRIMETHYLENE PHOSPHONATE - CAS #2235-43-0
SODIUM POLYACRYLATE - CAS #9003-04-7

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.