
MATERIAL SAFETY DATA SHEET

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Revised 6/03/04
Replaces 2/02/04
Printed 6/04/04

SUMA FRYER BOIL OUT**MSDS ID: 090040**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SUMA FRYER BOIL OUT
PRODUCT DESCRIPTOR: ALKALINE CLEANER
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3240 BENCHMARK DRIVE
LADSON, SC 29456-3861

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	%	EXPOSURE LIMITS	UNITS
SODIUM HYDROXIDE (1310-73-2)	<50	TLV C 2; PEL C 2		MG/M3

III. HAZARDS IDENTIFICATION

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

SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CAUSES BURNS TO EYES AND SKIN. DUST OR MIST INHALATION MAY CAUSE BURNS, IRRITATION, OR PERMANENT DAMAGE TO LUNG TISSUES AND UPPER RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED.
CHRONIC: SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SENSITIVE SKIN AND EYES; DUST OR SPRAY MAY AGGRAVATE RESPIRATORY DISEASE

IV. FIRST AID MEASURES

EYES: IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
SKIN: PROMPTLY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN.
INGESTION: GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING 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:		FORMS CORROSIVE LIQUID WHEN MIXED WITH WATER. CONCENTRATED SOLUTIONS IN CONTACT WITH ALUMINUM RELEASES HYDROGEN GAS.	
EXTINGUISHING MEDIA:		CO2, FOAM, DRY CHEMICALS, WATER	
FIRE FIGHTING INSTRUCTIONS:		WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR TO PREVENT SKIN	

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V. FIRE FIGHTING MEASURES (Cont.)

CONTACT WITH CAUSTIC SOLUTIONS.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: SWEEP OR SHOVEL MATERIAL INTO APPROPRIATE COVERED CONTAINER. NEUTRALIZE LIQUID RESIDUE WITH DILUTE MINERAL ACIDS. AVOID EYE AND SKIN CONTACT. RINSE AREA WITH WATER. CERCLA PRODUCT RQ = 2,500 LBS.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN DRY PLACE. KEEP AWAY FROM ACIDS. KEEP COVER ON CONTAINER. DO NOT STORE WITH FOOD.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD, SPLASH GOGGLES, OR SIDE-SHIELDED SAFETY GLASSES
PROTECTIVE GLOVES: RUBBER, PVC, OR CHEMICAL RESISTANT
RESPIRATORY PROTECTION: WEAR NIOSH ALKALINE CARTRIDGE RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CHEMICALLY IMPERVIOUS CLOTHING OR FOOTWEAR TO PREVENT SKIN CONTACT. SAFETY SHOWER AND EYE WASH.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	N/A	SPECIFIC GRAVITY:	
VOLATILE BY VOLUME:	0	SOLUBILITY IN WATER:	<10
VAPOR PRESSURE (MMHG):	N/A	AT	
APPEARANCE AND ODOR:			

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	STABLE
INCOMPATIBILITY WITH OTHER MATERIALS:	CONCENTRATED MINERAL ACIDS, FLAMMABLE LIQUIDS, ORGANIC HALOGEN COMPOUNDS, OR SOFT METALS
HAZARDOUS DECOMPOSITION PRODUCTS:	CO WITH INCOMPLETE COMBUSTION
HAZARDOUS POLYMERIZATION:	NONE

XI. TOXICOLOGICAL INFORMATION

No data available.
TOXICITY TEST DATA: No data available.

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XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA: No data available.

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE AND DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. ADJUST PH; CONTAINS PHOSPHORUS. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.

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: None

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 CARBONATE - CAS #497-19-8

SODIUM HYDROXIDE - CAS #1310-73-2

SODIUM METASILICATE - CAS #6834-92-0

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

POLYALKOXY GLYCOL - CAS #9003-11-6

SODIUM SULFONATED OLEIC ACID - CAS #67998-94-1

XVI. OTHER INFORMATION

DISCLAIMER: THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET (MSDS) RELATES TO THIS SPECIFIC PRODUCT AND CURRENT NATIONAL LEGISLATION. IT APPLIES TO THE PRODUCT AS SOLD, DILUTED VERSIONS WILL LIKELY BE LESS HAZARDOUS. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER INC. OR IN COMBINATION WITH OTHER MATERIALS OR IN A PROCESS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR THEIR PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.