
MATERIAL SAFETY DATA SHEET

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

UPGRADE**MSDS ID: 07152**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: UPGRADE
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 PERBORATE (10486-00-7)	<15	NONE	ESTABLISHED
SODIUM PERCARBONATE (3313-92-6)	<20	NONE	ESTABLISHED
SODIUM METASILICATE (6834-92-0)	<20	NONE	ESTABLISHED

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: NO
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION.
CHRONIC: NO KNOWN CHRONIC HAZARDS.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN AND EYES

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
SKIN: FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.
INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

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: CONTACT WITH ORGANIC MATERIAL MAY CAUSE FIRE.
EXTINGUISHING MEDIA: N/A
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: SWEEP UP DRY, UNCONTAMINATED MATERIAL AND PUT IN INTACT CONTAINER. FLUSH AREA WITH WATER. WASH RESIDUE DOWN DRAIN WITH PLENTY OF WATER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: MAY CAUSE FIRES IN CONTACT WITH ORGANIC MATTER. KEEP TIGHTLY CLOSED AND STORE AWAY FROM ACIDS. STORE IN A COOL, DRY AREA.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: AVOID BREATHING DUST.
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): N/A SPECIFIC GRAVITY: 1.0000
VOLATILE BY VOLUME: N/A SOLUBILITY IN WATER: YES
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: WHITE POWDER; SLIGHTLY SWEET ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCT RELEASES OXYGEN WHEN HEATED ABOVE 190 DEGREES F.
HAZARDOUS POLYMERIZATION: NONE KNOWN

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: TRIPLE RINSE CONTAINER WITH COLD WATER. 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:

NONE

LISTED CARCINOGEN: NONE

NTP: NO

IARC: NO

OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: C

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM PERCARBONATE - CAS #3313-92-6

SODIUM PERCARBORATE - CAS #10486-00-7

SODIUM METASILICATE - CAS #6834-92-0

SODIUM CARBONATE

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

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.