
MATERIAL SAFETY DATA SHEET

Page 1 of 4
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

IMAGE FLOOR STRIPPER**MSDS ID: 04775**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IMAGE FLOOR STRIPPER
Product Descriptor: Alkaline Cleaner
MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800)851-7145

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
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MONOETHANOLAMINE	141-43-5	5 - 15%	TWA 7.5 STEL 15	MG/M3
SODIUM METASILICATE	6834-92-0	1 - 5%	None established	
2-BUTOXY ETHANOL	111-76-2	1 - 5%	TLV 20 (Skin) PEL 50 (Skin)	PPM PPM

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING-Product contains irritating or harmful chemicals which may cause eye or skin irritation or burns. May be harmful if swallowed. Do not get product in eyes, on skin or clothing. Wear eye protection and rubber gloves to prevent skin contact when handling product. Wash after handling. Avoid breathing dust, vapors or product spray. Contain spill and runoff to prevent direct discharge to soil or surface waters.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe burns or irritation with pain, redness, swelling, and blurred sight. SKIN: Burns, blisters or rash with pain and swelling. INGESTION: Burns or irritation to mouth, throat with pain, nausea and vomiting. INHALATION: Spray or mist causes pain, choking, and breathing difficulty.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and sensitive skin.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and respiratory tract.

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Flush skin with plenty of water. Remove and launder contaminated clothing before reuse. Get medical attention for irritation or injury.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth with water. Get prompt medical attention. NOTE:

MATERIAL SAFETY DATA SHEET

Page 2 of 4
Revised 2/02/04
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IV. FIRST AID MEASURES (Cont.)

Never give fluids by mouth to an unconscious person.
INHALATION: Remove to fresh air. If breathing difficulties arise, get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F):none **LEL:**N/A **UEL:**N/A
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.
EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.
SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Contain spilled product. Wear protective clothing. Soak up liquid with a commercial absorbant or sand. Sweep up or shovel into chemical waste container and dispose of in accordance with governmental regulations. Flush area with water.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area away from acids. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Face shield if contact or splash hazard exists. Eye wash in use area.
PROTECTIVE GLOVES: Alkali resistant.
RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Rubber boots, chemical apron and safety shower in use area if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Not usually required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear amber liquid with slight solvent odor.

BOILING POINT (DEG F): 215		FREEZING POINT: 32
VAPOR PRESSURE(mmHg): 17.5	at 20 C	VAPOR DENSITY: ND
pH: 13.0		pH 1% SOLUTION: 11.5

Page	3 of 4
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VOLATILE BY VOLUME: <65
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY/BULK DENSITY: 1.06

CHEMICAL STABILITY: Product stable.
INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids, strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION: None known.

Contains Corrosive and Irritating alkaline chemicals. See Section II for amounts and identity. Acute toxicology tests are listed below.

TOXICITY TEST DATA:

Sodium metasilicate: Acute Oral LD50 (rat) - 1153 mg/kg (RTECS)

ECOTOXICITY DATA: Product and waste are harmful to fish and aquatic forms.
Discharge process waste and overflow to a sanitary sewer or on-site treatment process.
ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

RCRA CLASS: Product would be D002 corrosive if declared RCRA hazardous waste.

DISPOSAL: Adjust pH of diluted product and discharge to industrial sewer. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of container by product labeling or governmental regulations.

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

U.S. FEDERAL REGULATIONS:
TSCA: All ingredients in this product are on TSCA inventory.
HAPS: This product contains 2-butoxyethanol at 4% which is regarded as a
Hazardous Air Pollutant as a glycol ether.
VOC CONTENT (PER 40 CFR PART 59): % VOC: 6 Lb/Gal VOC: 0.5
CERCLA/EPCRA:
SECTION 313 TOXIC CHEMICALS: This product contains 2-butoxyethanol at 4%

MATERIAL SAFETY DATA SHEET

Page 4 of 4
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XV. REGULATORY INFORMATION (Cont.)

which is reportable as a glycol ether.

SARA SECTION 311/312:

ACUTE: YES CHRONIC: NO FIRE: NO REACTIVITY: NO

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: NOT CARCINOGENIC

NTP: NO IARC: NO OSHA: NO

HMIS RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 0 SPECIAL: Corrosive**STATE RIGHT-TO-KNOW INFORMATION:**

WATER - CAS #7732-18-5

SODIUM METASILICATE - CAS #6834-92-0

2-BUTOXYETHANOL - CAS #111-76-2

MONOETHANOLAMINE - CAS #141-43-5

SODIUM OLEATE - CAS #143-19-1

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any 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.