
MATERIAL SAFETY DATA SHEET

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

BIG RED "0" - 44**MSDS ID: 00444**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BIG RED "0" - 44

Product Discriptor: Powdered truckwash

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
LINEAR ALCOHOL ETHOXYLATE	68439-46-3	1 - 5%	None est.	
SODIUM HYDROXIDE	1310-73-2	1 - 5%	TLV-C 2	MG/M3
SODIUM METASILICATE	6834-92-0	15 - 30%	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: Burns or severe irritation with pain, redness and swelling.
SKIN: Severe irritation or burns with rash, redness, pain or itching. INGESTION: If swallowed, pain, nausea and vomiting may result.

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. Get prompt medical attention. NOTE: Never give fluids by mouth to an unconscious

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IV. FIRST AID MEASURES (Cont.)

person.
INHALATION: Remove to fresh air. If breathing difficulties continue, get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NA FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NA UEL: NA
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.
EXTINGUISHING MEDIA: Water, 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: Contain runoff. Prevent from entering sewer or storm drain.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Contain spilled solids. Wear protective clothing. Sweep or shovel solids or powder into a non-reactive container. Dispose of materials by governmental regulations. Flush spill 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: Safety glasses with side shields. Eye wash in use area if contact or splash hazard exists.
PROTECTIVE GLOVES: Alkali resistant.
RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Protective clothing to cover exposed skin if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Local exhaust ventilation may be necessary to control any air contaminants to within their Threshold Limit Values (TLV's) during the use of this product.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Tan powder with solvent odor.

BOILING POINT (DEG F): NA	FREEZING POINT: NA
SPECIFIC GRAVITY/BULK DENSITY: 7.48 Lb./gal	
pH: NA	pH 1% SOLUTION: 11.9
VOLATILE BY VOLUME: NA	
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): NA at NA	VAPOR DENSITY: NA

X. STABILITY AND REACTIVITY

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.

XI. TOXICOLOGICAL INFORMATION

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)

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: When handled and disposed of as directed, this product should not cause adverse effects in the environment.
ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Concentrated product would be considered D002 - Corrosive if declared hazardous waste.
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.

XIV. TRANSPORT INFORMATION

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

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XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Ethylene Glycol Monobutyl Ether CAS #111-76-2 at <5%

VOC CONTENT (EPA Method 24A): % VOC: 1.5 Lb/Gal VOC: 0.1

CERCLA/EPCRA:

Section 313 Toxic Chemicals: Ethylene Glycol Monobutyl Ether CAS #111-76-2 a

SARA Section 311/312:

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

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: None

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 2 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: E

NFPA RATING: HEALTH: 2 FIRE: 0 REACTIVITY: 0 SPECIAL: Corrosive

STATE RIGHT-TO-KNOW INFORMATION:

Sodium metasilicate - CAS #6834-92-0

Sodium dodecylbenzene sulfonate - CAS #25155-30-0

Linear alcohol ethoxylate - CAS #68439-46-3

Sodium hydroxide - CAS #1310-73-2

Ethylene Glycol Monobutyl Ether - CAS #111-76-2

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 handling, and use.