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**MATERIAL SAFETY DATA SHEET**

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

**X-CELL 240****MSDS ID: 04898**

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**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: X CELL 240

Product Descriptor: Mildly Alkaline Cleaner

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

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**II. HAZARDOUS COMPONENTS**

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| Component Name               | CAS Number | %    | Exposure Limits                      | Units          |
|------------------------------|------------|------|--------------------------------------|----------------|
| SODIUM NAPHTHALENE SULFONATE | 9084-06-4  | >30% | PEL 15 Tot Res 5<br>TLV 10 Tot Res 5 | mg/m3<br>mg/m3 |

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**III. HAZARDS IDENTIFICATION**

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**EMERGENCY OVERVIEW:**

**CORROSIVE** - Contains strong alkali. Causes severe burn to skin and eyes. May be fatal if swallowed. Do not contact eyes, skin or clothing. Wear goggles, face shield, rubber gloves, and protective clothing and boots when handling product. Avoid breathing dust or spray mist. Contain spill or runoff, which may cause environmental damage. Contact with aluminum or soft metals may release flammable hydrogen fumes.

**POSSIBLE ROUTES OF ENTRY:** Not applicable under normal use**SIGNS AND SYMPTOMS OF OVEREXPOSURE****ACUTE:** EYES: Irritation with pain, swelling and redness may develop.SKIN: Irritation with dryness or itching may develop with pain and redness. May cause nausea and diarrhea. **INHALATION:** May cause irritation of respiratory tract.**CHRONIC:** Same as acute effects.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Dermatitis or sensitive skin.**TARGET ORGAN(S) OF CHEMICAL HAZARD(S):** Eyes, skin and respiratory tract.

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**IV. FIRST AID MEASURES**

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**EYES:** Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.**SKIN:** Flush skin with plenty of water and wash with mild soap. If irritation develops, get medical attention.**INGESTION:** If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth. Get immediate medical attention. **NOTE:** Never give fluids by mouth to an unconscious person.**INHALATION:** Remove to fresh air and seek medical attention.

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**V. FIRE FIGHTING MEASURES**

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FLASH POINT (degrees F): N/A FLAME EXTENSION: N/A  
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NONE UEL: NONE  
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.  
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: Spilled product may cause slippery surface and fall hazard.

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**VI. ACCIDENTAL RELEASE MEASURES**

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IF MATERIAL IS RELEASED OR SPILLED:  
Confine spilled product to prevent environmental contamination. Keep out of storm sewers or surface waters. Small amount should be swept or mopped up and used for related cleaning tasks where possible. Larger amounts should be absorbed on vermiculite, clay, etc., and disposed in accordance with local, State and Federal regulations.  
This product does not contain a reportable quantity (RQ) under CERCLA.

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**VII. HANDLING AND STORAGE**

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

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**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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EYE/FACE PROTECTION: Safety glasses with side shields. Chemical goggles if contact or splash hazard exists.  
PROTECTIVE GLOVES: Alkali resistant.  
RESPIRATORY PROTECTION: Product does not have any established exposure limits. NIOSH/MSHA approved respirator recommended in enclosed or confined spaces where high air concentration or long exposure may occur.  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Wear chemical resistant apron when handling. Eyewash and safety shower in area if contact or splash hazard exists.  
ENGINEERING CONTROLS:  
VENTILATION: Good general ventilation should be sufficient to control airborne levels.

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**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE AND ODOR: Dark brown liquid.

|                                            |                                |
|--------------------------------------------|--------------------------------|
| BOILING POINT (DEG F): 215                 | FREEZING POINT: 0 C            |
| SPECIFIC GRAVITY/BULK DENSITY: 1.165-1.215 | pH 1% SOLUTION: Not Determined |
| pH:                                        |                                |
| VOLATILE BY VOLUME: 60                     |                                |
| SOLUBILITY IN WATER: Soluble               |                                |
| VAPOR PRESSURE(mmHg): 17.5 at 20 C         | VAPOR DENSITY: 17.3            |

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Product stable.  
INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents  
HAZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon; oxides of sulfur  
HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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

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XII. ECOLOGICAL INFORMATION

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ECOTOXICITY TEST DATA:  
No data available.  
ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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RCRA REGULATED: Concentrated product would be considered D002-Corrosive, if declared hazardous waste.  
Spent or excess product is hazardous waste. Do not discharge to sewer or environment. Arrange disposal through a licensed disposal company or treat by special Waste Disposal Sheet. Recycle or dispose of containers by product labeling or governmental regulations.

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XIV. TRANSPORT INFORMATION

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

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XV. REGULATORY INFORMATION

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U.S. Federal Regulations:  
TSCA: All ingredients in this product are on TSCA inventory.  
HAPS: None.  
VOC CONTENT (EPA Method 24A): % VOC: 0 Lb/Gal VOC: 0  
CERCLA/EPCRA:  
Section 313 Toxic Chemicals:  
None.  
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: 1 REACTIVITY: 0  
PERSONAL PROTECTIVE EQUIPMENT: D  
NFPA RATING: HEALTH: 2 FIRE: 1 REACTIVITY:0 SPECIAL:Alkaline  
STATE RIGHT-TO-KNOW INFORMATION:  
WATER - CAS #7732-18-5

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**XV. REGULATORY INFORMATION (Cont.)**

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SODIUM NAPHTHALENE SULFONATE - CAS #9084-06-4

CALIFORNIA PROPOSITION 65:

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

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**XVI. OTHER INFORMATION**

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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.