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**MATERIAL SAFETY DATA SHEET**

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

**SPECTRUM PLUS****MSDS ID: 0968280**

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: SPECTRUM PLUS

Product Code: 0968280

Product Function: ALKALINE LIQUID CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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| Ingredient Name(CAS Number)                     | % | Exposure Limits                    |
|-------------------------------------------------|---|------------------------------------|
| DIPROPYLENE GLYCOL METHYL ETHER<br>(34590-94-8) | 5 | TLV 600S; PEL 600; ST 900<br>MG/M3 |

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**3. HAZARDS IDENTIFICATION**

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Primary Routes of Entry

Inhalation: YES

Skin: NO

Ingestion: YES

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**4. FIRST AID MEASURES**

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Eyes: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION.

Skin: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.

Ingestion: GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Inhalation: N/A IN NORMAL OPERATION.

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**5. FIRE FIGHTING MEASURES**

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Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: NONE KNOWN

Extinguishing Media: CO2, FOAM, DRY CHEMICALS

Fire Fighting Instructions: WEAR PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.

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**6. ACCIDENTAL RELEASE MEASURES**

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If Material is Released or Spilled:

WIPE UP SMALL AMOUNTS OR FLUSH TO DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

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**7. HANDLING AND STORAGE**

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DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING; KEEP BUNG IN CONTAINER. IF FROZEN, THAW AND MIX TO MAKE USABLE.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Eye/Face Protection: SAFETY GLASSES  
Protective Gloves: NON-ABSORBENT  
Respiratory Protection: IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR WITH A HIGH EFFICIENCY PARTICULATE FILTER.  
Other Protective Clothing/Equipment: NONE

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance and Odor: CLEAR BLUE LIQUID; MILD ODOR  
Boiling Point (F): 215 Freezing Point: Not Determined  
Specific Gravity: 1.0320 pH: Not Determined  
pH 1% SOLUTION: Not Determined  
Volatile (% by Vol.): 78 Solubility in Water: 100

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**10. STABILITY AND REACTIVITY**

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Chemical Stability: STABLE  
Incompatibility With Other Materials: SOLVENTS AND CONCENTRATED MINERAL ACIDS  
Hazardous Decomposition Products: CO, SO2 WITH INCOMPLETE COMBUSTION  
Hazardous Polymerization: None

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**11. TOXICOLOGICAL INFORMATION**

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Signs and Symptoms of Overexposure:  
Acute: DEFATS SKIN; CAUSES EYE IRRITATION.  
Chronic: SAME AS ACUTE  
Medical Conditions Generally Aggravated by Exposure:  
Sensitive skin

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**12. ECOLOGICAL INFORMATION**

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No data available.

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**13. DISPOSAL CONSIDERATIONS**

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PH AJUSTMENT; NO PHOSPHATES. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL

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**14. 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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**15. REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS:**

CERCLA/EPCRA/313 Toxic Chemicals:

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

**CARCINOGENICITY:**

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

HMIS Ratings: Health: 1      Fire: 0      Reactivity: 0  
Personal Protective Equipment: B

**State Right-to-Know Information:**

DIPROPYLENE GLYCOL METHYL ETHER - CAS #34590-94-8

WATER - CAS #7732-18-5

SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0

NONYL PHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9

SODIUM METASILICATE - CAS #6834-92-0

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**16. OTHER INFORMATION**

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**DISCLAIMER:** The information contained in this safety data sheet is based on knowledge of this specific product and current national legislation. 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.