# MATERIAL SAFETY DATA SHEET

## I Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>DIVERSOFT 5R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>00222040</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>JOHNSON DIVERSEY INC.</td>
</tr>
<tr>
<td>Address</td>
<td>3630 E. KEMPER RD CINCINNATI, OH 45241-2046</td>
</tr>
<tr>
<td>Date</td>
<td>12/17/1999</td>
</tr>
</tbody>
</table>

## II Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name of Hazardous Ingredient</th>
<th>%</th>
<th>Exposure Limits</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOPROPANOL (67-63-0)</td>
<td>&lt;3</td>
<td>TLV 400; PEL 500</td>
<td>PPM</td>
</tr>
<tr>
<td>CITRIC ACID (77-90-9)</td>
<td>&lt;20</td>
<td>NONE ESTABLISHED</td>
<td></td>
</tr>
</tbody>
</table>

## III Hazards Identification

**CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. INHALATION OF MIST MAY CAUSE IRRITATION OF NOSE, THROAT, AND PULMONARY MEMBRANES.**

**NO KNOWN CHRONIC EFFECTS**

<table>
<thead>
<tr>
<th>HMIS: Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

**Conditions Aggravated**

SENSITIVE SKIN; MIST MAY AGGRAVATE RESPIRATORY DISEASE.

**Carcinogen Info**

NONE

**Target Organs or System**

**Routes of Exposure:** Inhalation, Skin, Ingestion

## IV First Aid Measures

**Inhalation**

IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT.

**Eyes**

IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

**Skin**

FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

**Ingestion**

GIVE SEVERAL GLASSES OF WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE FLUIDS BY MOUTH OR INDUCE VOMITING IN AN UNCONSCIOUS PERSON.

## V Fire Fighting Measures

**Fire Control Measures/Equipment**

WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.

**Flammable Property Info**

**Explosion Info**

LOW FIRE HAZARD. RESIDUE MAY BURN IF HEATED TO DRYNESS.

**Extinguishing Media**

WATER, WATER FOG, CO2
VI Accidental Measures

Spill and Leak Clean UP Procedures

CAUSES VERY SLIPPERY SURFACES IF SPILLED. CONTAIN SPILL, MOP UP OR DILUTE WITH WATER, AND DISCHARGE TO SANITARY SEWER. LARGE AMOUNTS SHOULD BE COLLECTED AND RETURNED TO CONTAINER OR DISPOSED OF IN ACCORDANCE WITH ENVIRONMENTAL REGULATIONS.

CERCLA PRODUCT RQ: NO REPORTABLE QUANTITY.

Environmental Precautions:

VII Handling and Storage

Ventilation Required? NONE Instructions NORMAL AIR DILUTION

Safe Storage, Handling and Use Instructions

KEEP CONTAINER CLOSED. KEEP FROM FREEZING. DO NOT MIX WITH ACIDS. STORE AWAY FROM OPEN FLAME. DO NOT STORE WITH FOOD.

Incompatible Materials

VIII Exposure Controls/ Personal Protection

Protective Gloves CHEMICALLY RESISTANT, RUBBER, OR PVC

Eye Protection SAFETY GLASSES WITH SIDE SHIELDS, SPLASH GOGGLES OR FACESHIELD

Respiratory Protection USUALLY NOT REQUIRED.

Other Protective Clothing Equipment CHEMICALLY RESISTANT CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT. EYE WASH IN USE AREA.

IX Physical and Chemical Properties

Characteristics of Hazardous Chemical

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance &amp; Odor</td>
<td>OPAQUE BLUE LIQUID; FLORAL ODOR</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>125 °F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammability Limits in Air By Volume:</td>
<td></td>
</tr>
<tr>
<td>Upper</td>
<td>N/A</td>
</tr>
<tr>
<td>Lower</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>142 °F</td>
</tr>
<tr>
<td>Auto Ignition</td>
<td>N/A</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.05</td>
</tr>
<tr>
<td>Volatile by Volume</td>
<td>65%</td>
</tr>
<tr>
<td>Evaporation Rate(n-Butyl Acetate=1)</td>
<td>&gt;1</td>
</tr>
</tbody>
</table>

X Stability and Reactivity

Peroxide, Pyrophoric, Unstable or Water Reactive NONE

Reactivity and Hazardous Polymerization NONE KNOWN

Possible Hazardous Reactions

Conditions to Avoid

Materials

STRONG OXIDIZERS OR POWDERED CHLORINATED CLEANERS

XI Toxicological Information

Hazardous Decomposition Products

OXIDES OF CARBON

XII Ecological Information

Possible Effects and Environmental Fate

Degradability

Aquatic Toxicity

Method of Disposal, Residues and Safe Handling

USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER, TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION, REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT DISCHARGE TO LAKES, STREAMS OR PONDS.

XIII Disposal Consideration

Disposal of Contaminated Material

OXIDES OF CARBON

XIV Transport Information

CORROSIVE LIQUID, ACIDIC, ORGANIC,N.O.S., (CITRIC ACID), 8, UN3265, PG I,ERG#60, NAERG#154

Transport Information

XV Regulatory Information

S.A.R.A. Title III Section 313

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

XVI Other Information

State Right to Know Information

WATER - CAS #7732-18-5
CITRIC ACID - CAS #77-92-9
TALLOW IMIDAZOLINE SOFTENER - CAS #68122-86-1
ETHOXYLATED ALCOHOL - CAS #68002-97-1
MTHOXYPROPONPOXYPROPAOL- CAS #34590-94-8