MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MANUFACTURER'S NAME & MAILING ADDRESS
U S Chemical - A DIVISION OF HYDRITE CHEMICAL CO.
316 Hart Street
Watertown, Wisconsin 53094 USA

EMERGENCY TELEPHONE NO. (24 HOURS SERVICE)
Medical Emergency ONLY: 1-800-228-5635 Ext. 075

PREPARED BY
D. E. Kenas

SIGNATURE
David E. Kenas

TITLE
Quality Assurance Manager

DATE
1-1-91

PRODUCT INFORMATION TELEPHONE NO. (8:30 CST)
Product Information: 1-800-558-9566

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME
RIF Super Active HAND SOAP

PRODUCT DESCRIPTION
Hand Cleaner (Anionic and Nonionic Surfactants)

FORMULA
Proprietary Blend

CHEMICAL FAMILY
N.A.

REGULATED IDENTIFICATION
DOT PROPER SHIPPING NAME
Not Regulated by D.O.T.

SHIPPING IN NUMBER
N.A.

HAZARD CLASS
N.A.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT
N.A.

SPECIFIC GRAVITY (25°C) 1.030

PHYSICAL FORM
Liquid

COLOR
White

VAPOUR PRESSURE (mm Hg)
N.A.

MELTING POINT
N.A.

SOLUBILITY IN WATER
Complete

SCENT
Fresh Floral

VAPOUR DENSITY (AIR = 1)
N.A.

EVAPORATION RATE
N.A.

PH 2500 ppm SOLUTION
N.A.

PH CONCENTRATE
7.0

OTHER
Viscous, Pearlized Solution.

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS
(Chemical Name: Common Name)

OSHA PEL
N.A.

ACGIH TLV
N.A.

OTHER LIMITS RECOMMENDED
N.A.

PERCENT
N.A.

None

This product does not contain any hazardous components according to the criteria of 29 CFR 1910.1200, OSHA. This includes 29 CFR 1910, Subpart Z, Toxic and Hazardous Substances, OSHA, and Threshold Limit Values for Chemical Substances adopted by ACGIH, and other safety information sources.

NFPA RATING: Health-0/Flammability-0/Reactivity-0

HMIS RATING: Health-0/Flammability-0/Reactivity-0

CARCINOGENICITY:
This product does not contain any known carcinogens or anticipated carcinogens according to the criteria of the NTP Annual Report on Carcinogens, IARC Monographs, and OSHA 29 CFR 1910, Subpart Z.

(Continued on reverse side)
### SECTION 5 - SAFE USAGE DATA

#### PROTECTIVE EQUIPMENT TYPES

<table>
<thead>
<tr>
<th></th>
<th>GLOVES</th>
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</thead>
<tbody>
<tr>
<td>EYES</td>
<td>None required with normal use.</td>
<td></td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>None required with normal use.</td>
<td></td>
</tr>
<tr>
<td>OTHER</td>
<td>None required with normal use.</td>
<td></td>
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</tbody>
</table>

#### VENTILATION

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<thead>
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<tr>
<td>GENERAL MECHANICAL</td>
<td>None Needed.</td>
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<tr>
<td>LOCAL EXHAUST</td>
<td>None required with normal use.</td>
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</tbody>
</table>

#### PRECAUTIONS

- **HANDLING & STORAGE:** Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first-aid measures. Avoid ingestion and contact with eyes. Rotate stock regularly. Handle carefully to avoid damaging container. Keep container closed when not in use. Recommended storage temp. below 100°F. Keep out of children's reach.

### SECTION 6 - HEALTH HAZARD DATA

#### EFFECTS OF EXPOSURE

- **INHALATION:** None Known.
- **INGESTION:** May cause discomfort, nausea, vomiting, and irritation to mouth, esophagus, stomach, and to other tissues with which contact is made.
- **SKIN & EYES:** SKIN: Prolonged exposure to concentrate may cause slight irritation to highly sensitive skin. EYES: Contact may cause tearing, and mild to severe irritation depending upon exposure.
- **ACUTE & CHRONIC:** ACUTE: Irritant to eyes. CHRONIC: None Known.

#### ROUTES OF ENTRY

| INGESTION-X | SKIN ABSORPTION-X | EYES-X | INHALATION-X | TARGET ORGANS | None Known. |

### SECTION 7 - PHYSICAL HAZARD DATA

#### FLAMMABILITY

- **LEL = N.A.**
- **UEL = N.A.**
- **FLASH POINT = N.A.**
- **METHOD USED = N.A.**

#### STABILITY

- **STABLE**: CONDITIONS TO AVOID
  Avoid mixing with any other cleaning product.
- **UNSTABLE**: HAZARDOUS DECOMPOSITION PRODUCTS
  None known.
- **HAZARDOUS POLYMERIZATION**: CONDITIONS TO AVOID
  WILL NOT OCCUR
  N.A.
- **INCOMPATIBILITY**: MATERIALS TO AVOID
  Strong oxidizing agents and strong alkali such as caustic soda or caustic potash.

### SECTION 8 - EMERGENCY RESPONSE DATA

#### FIRE

- **EXTINGUISHING MEDIA:** For fires in area, use appropriate media. For example: Water spray, dry chemical, carbon dioxide, or alcohol foam.
- **SPECIAL PROCEDURES:** Evacuate area of unprotected and unnecessary personnel.
- **UNUSUAL HAZARDS:** Not Applicable.

#### FIRST AID MEASURES

- **INGESTION:** Do not induce vomiting. If patient is conscious and can swallow, administer milk or water.
- **SKIN:** Remove contaminated clothes, then flood with water.
- **EYES:** Flood with lukewarm (not hot) water poured from a large glass 2 or 3 inches from eyes. Remove contacts. Have patient blink as much as possible while flooding the eyes. Continue for 15 minutes.
- **ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-228-5635 Ext. 075 OR CONTACT A PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.**

#### SPILLS

- **STEPS TO BE TAKEN:** Wear proper protective equipment including rubber boots. Stop leak if you can do so without risk. Dike or dam large spills, Ventilate area if needed. Soak up with sand or other non-combustible inert absorbent materials. Flush area with water and follow with normal clean-up procedures. Keep combustibles away! Be careful as spills are slippery.

#### WASTE DISPOSAL METHOD

- **Comply with all federal, state, and local regulations. Consult state and local authorities for restrictions on disposal of chemical waste. If approved, may be diluted and drained to a municipal sewer or waste treatment plant. Rinse empty container thoroughly with water before discarding.**

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR PROCESS. THE DATA CONTAINED IS BELIEVED TO BE ACCURATE, HOWEVER, SINCE USE CONDITIONS VARY AND ARE OUTSIDE OUR CONTROL, U.S. CHEMICAL CO. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO LIABILITY FOR FAILURE TO FOLLOW PRODUCT USE DIRECTIONS AND SAFETY PRECAUTIONS.