**MATERIAL SAFETY DATA SHEET**


### Section I

**Manufacturer's Name**
Rowan Chemicals, Inc

**Address**
PO Box 126, Bayside, NY 11361

**Emergency Telephone No.**
CHEMTREC 1-800-426-9300

- **Trade Name and Synonyms**
  - Enzyme Dextran
  - Proprietary

### Section II - Hazardous Ingredients

<table>
<thead>
<tr>
<th>PIGMENTS</th>
<th>% TLV (Units)</th>
<th>ALLOYS AND METALLIC COATINGS</th>
<th>% TLV (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATALYST</td>
<td>N/A</td>
<td>ALLOYS</td>
<td>N/A</td>
</tr>
<tr>
<td>VEHICLE</td>
<td></td>
<td>METALLIC COATINGS</td>
<td></td>
</tr>
<tr>
<td>SOLVENTS</td>
<td></td>
<td>FILLER METAL</td>
<td></td>
</tr>
<tr>
<td>ADDITIVES</td>
<td></td>
<td>PLUS COATING OR CORE FLUX</td>
<td></td>
</tr>
<tr>
<td>OTHERS</td>
<td></td>
<td>OTHERS</td>
<td></td>
</tr>
</tbody>
</table>

**Hazardous Mixtures of Other Liquids, Solids, or Gases**

**Not Applicable**

### Section III - Physical Data

- **Boiling Point (°F.)** 212
- **Specific Gravity (H₂O=1)** 1.08
- **Vapor Pressure (mm Hg.)** The same as water
- **Percent, Volatile by Volume (%)** 100
- **Vapor Density (Air=1)** The same as water
- **Evaporation Rate** 1
- **Solubility in Water** >90%
- **Appearance and Odor** Floral odor, straw yellow liquid

### Section IV - Fire and Explosion Hazard Data

- **Flash Point (Method Used)**
- **Flammable Limits** LFL UFL
- **Extinguishing Media**
- **Special Fire Fighting Procedures** Not Applicable
- **Unusual Fire and Explosion Hazards**

*Prepared on 12/17/86*
SECTION V - HEALTH HAZARD DATA

Enzyme: ACGIH TLV 0.006μg/m³

EFFECTS OF OVEREXPOSURE

Repeated inhalation of enzyme spray or mist may cause allergy to susceptible persons.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation/Ingestion: Rinse mouth and throat thoroughly with water.

SKIN/EYES: Rinse thoroughly with water. If irritation persists, consult a physician.

SEE ACCOMPANYING SUPPLEMENT.

SECTION VI - REACTIVITY DATA

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>UNSTABLE</th>
<th>STABLE</th>
<th>CONDITIONS TO AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

INCOMPATABILITY (Materials to avoid)

Not Known.

HAZARDOUS DECOMPOSITION PRODUCTS

MAY OCCUR | CONDITIONS TO AVOID | WILL NOT OCCUR | X |

HAZARDOUS POLYMERIZATION

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wet with a solution of 1 ounce of bleach or hypochlorite per gallon of water.

Flush down drain.

WASTE DISPOSAL METHOD

SEE ABOVE

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NOISH/OSHA Approved mask if inhalation of mist is likely.

VENTILATION

LOCAL EXHAUST

MECHANICAL (General)

SPECIAL

OTHER

PROTECTIVE GLOVES

Rubber or plastic suggested.

EYE PROTECTION

Suggested

OTHER PROTECTIVE EQUIPMENT

Sufficient to protect skin and eyes if contact is likely

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP OUT OF THE REACH OF CHILDREN.

Dispose of containers in accordance with Federal, State and Local Regulations.

OTHER PRECAUTIONS

SEE ACCOMPANYING SUPPLEMENT.