Material Safety Data Sheet  
(MSDS)  

SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name:  Decon Laboratories, Inc.  
Trade Name:  Contrad® 70  
Emergency Telephone  
U.S.:  (800) 424-9300  
Canada:  (703) 527-3887  

Chemical Name or Synonym:  N/A  
Info Telephone:  610-755-0800  

Mfg. Address:  460 Glennie Circle  
Health: 2  Flammability: 0  Reactivity: 0  
City:  King of Prussia  
State, Zip:  PA 19406  

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Percent</th>
<th>PEL</th>
<th>C</th>
<th>S</th>
<th>TLV</th>
<th>C</th>
<th>S</th>
<th>Units</th>
<th>313?</th>
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</thead>
<tbody>
<tr>
<td>1310-58-3</td>
<td>Potassium Hydroxide</td>
<td>&lt;3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>mg/m3</td>
<td>N</td>
</tr>
</tbody>
</table>

Additional Information: Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

SECTION III - PHYSICAL DATA

Boiling Point (°F):  >212  
Specific Gravity (H₂O=1 @ 25°C):  1.06  
Vapor Pressure (mm of Hg):  <18  
% Volatiles by Wgt:  > 82  
Vapor Density (Air=1):  <1  
ph 1% Solution:  N/A  
Freezing Point F:  N/A  
ph as Distributed:  13 (conc.)  
Solubility:  Complete  
Evaporation Rate:  BuAc = 1  <1  
Appearance:  Milky white, thin liquid; slight odor.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:  N/A  
None to Boiling (TCC)  
LEL:  N/A  
UEL:  N/A  
Extinguishing Media:  Use media suitable for surrounding materials  
Special Procedures:  No special procedures required.  
Unusual Fire / Expl Hazards:  None known.  

Additional Information:  
Hazard Ratings  
HMIS:  Health = 2  Flammability = 0  Reactivity = 0  Personal Protection = B  
NFPA:  Health = 2  Flammability = 0  Reactivity = 0
SECTION V - HEALTH HAZARD DATA

Primary Route of Exposure: Inhalation, Eye and Skin Contact.
Inhalation: May cause respiratory irritation.
Skin contact: May cause reddening and irritation.
Eye Contact: May cause irritation and damage.

CHRONIC HEALTH EFFECTS / SYMPTOMS: None known.

Carcinogenicity Data: NTP: None known IARC: N OSHA: N OTHER: N/A

First Aid

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyes open. Seek prompt medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, seek medical attention. Wash clothing before reuse.

Inhalation: Move victim to fresh air. Seek medical attention if irritation persists.

Ingestion: Contact local Poison Control Center or physician immediately.

SECTION VI - REACTIVITY DATA

Stability: Normally stable
Incompatibility: Strong acids.
Decomposition: None known.
Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Spill Procedures: Wear personal protective equipment (see Section VIII). Neutralize using a weak acid. Clean up with absorbent material.

Waste Disposal Procedures: Dispose in accordance with federal, state, and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory: If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH approved dust / mist respirator.
Eyes: If potential for eye contact exists, wear chemical goggles.
Clothing / Protective Gloves: Wear neoprene or other chemical resistant gloves.
Ventilation: Local exhaust may be necessary under some handling / use conditions. Specific needs should be addressed by supervisory or health / safety personnel.

SECTION IX - ADDITIONAL INFORMATION

Safe Handling and Storage: Store in a closed container. Do not freeze.

SECTION X – TRANSPORTATION INFORMATION

DOT Information: Product Shipping by Ground Only
1 Liter (cat # 1002) ORM-D, (49 CFR Section 173.154(C)
5 Liter (#1003), 20 Liter (#1004), and 55 gal (#1005) Potassium Hydroxide Solution, 8, UN 1814, PG II

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.