1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MICRO-90®
CHEMICAL FAMILY: Mixture
CHEMICAL USE: Concentrated Cleaning Solution
ISSUE DATE OF MSDS: February 1, 2007

MANUFACTURER:
International Products Corporation
201 Connecticut Drive
P.O. Box 70
Burlington, NJ 08016-0070, USA
Tel: (609) 386-8770
Fax: (609) 386-8438
E-mail: mkt@ipool.com

TRANSPORTATION:
CHEMTREC
1-800-424-9300 (Calls within USA & Canada)
703-527-3887 (Calls from outside the USA)

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Number</th>
<th>Hazard</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycine, N,N-1,2-ethanediylbis-(N-</td>
<td>64-02-8</td>
<td>X1, R-36</td>
<td>less than 20%</td>
</tr>
<tr>
<td>carboxymethylation)-tetrasodium salt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzenesulfonic acid, dimethyl-ammonium salt</td>
<td>26447-10-9</td>
<td>X1, R-36</td>
<td>less than 20%</td>
</tr>
<tr>
<td>Benzenesulfonic acid, dodecyl-cpdl with 2,2',</td>
<td>27323-41-7</td>
<td>X1, R-36</td>
<td>R-38</td>
</tr>
<tr>
<td>2'-nitrolois (ethanol)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), alpha-(undecyl)-omega-</td>
<td>34398-01-1</td>
<td>X1, R-36</td>
<td>R-38</td>
</tr>
<tr>
<td>hydroxy</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
Pale yellow aqueous solution with a slight ammonia odor. Nonflammable aqueous solution. NFPA rating of zero. No immediate hazards associated with the product.

POSSIBLE HEALTH EFFECTS:

- EYE CONTACT: Prolonged or repeated contact may cause irritation.
- SKIN CONTACT: Prolonged or repeated contact may cause irritation.
- INHALATION: Prolonged or repeated contact may cause irritation.
- INGESTION: No hazard to normal industrial use.

CARCINOGENICITY:
- NTP: No ingredients are listed.
- IARC: No ingredients are listed.
- OSHA: No ingredients are listed.

CHRONIC EFFECTS: Not determined.
TARGET ORGANS: Not determined.

SIGNS AND SYMPTOMS: Eye and skin irritation (redness or swelling).

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention if irritation develops or persists.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

INHALATION: If exposed to excessive levels of fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION: No specific treatment is necessary since this material is unlikely to be hazardous by ingestion. Call physician if pain or discomfort develops.

5. FIRE FIGHTING MEASURES

Nonflammable aqueous cleaner.

FLASH POINT: None.
LFL: Not applicable.
UFL: Not applicable.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray to extinguish flames.

FIREFIGHTING INSTRUCTIONS:
As in any fire, wear self-contained breathing apparatus, pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff may cause environmental damage. Dike and collect water used to fight fire.

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in Section 8 Personal Protection. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. Use in a well-ventilated area.

STORAGE: Store in a cool place in original container and protect from sunlight. Keep container closed when not in use. Use only stainless steel, polyethylene or plastic-lined containers for handling. Do not store in contact with aluminum, zinc, copper or their alloys.

SHELF LIFE: One year from date of manufacture when stored in original sealed container at recommended storage temperature range.

STORAGE TEMPERATURE: 5–43°C (41–110°F)
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS
Good general ventilation should be sufficient to control airborne levels.

RESPIRATORY PROTECTION
For most situations, no respiratory protection should be needed.

SKIN PROTECTION
Wear chemical-resistant gloves.

EYE PROTECTION
Wear safety glasses with sideshields (or goggles). Contact lenses should not be worn.

GENERAL HYGIENE CONSIDERATIONS
There are no known health hazards associated with this material when used as recommended. The following general hygiene considerations are recognized as common, good industrial hygiene practices:

- Wash hands after use and before eating.
- Avoid breathing vapors.
- Wear safety glasses and gloves.

EXPOSURE LIMITS
Not established for product as whole.

Ingredients  CAS #  ACGIH
None established for individual components.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Yellow Liquid.

ODOR
Ammonia Odor.

pH (neat)
Ca. 9.5

BOILING POINT
Ca. 100°C (212°F)

FREEZING POINT
Ca. -8°C (18°F)

SOLUBILITY IN WATER
Complete

SPECIFIC GRAVITY (water = 1)
1.135@25°C

10. STABILITY AND REACTIVITY

STABILITY
Stable Liquid.

HAZARDOUS POLYMERIZATION
Will not occur.

INCOMPATIBILITIES
May etch aluminum, zinc, copper, and its alloys. May craze acrylic and polycarbonate if not wiped or rinsed off. Do not mix with other cleaners. Mixing with chlorine-based cleaners may produce toxic gases.

DECOMPOSITION PRODUCTS
Not determined.

11. TOXICOLOGICAL INFORMATION

Eye:  Irritant per USA-FHSA criteria
       Not an irritant per OECD Guideline No. 405.

Skin: Not an irritant per USA-FHSA
       Not an irritant per OECD Guideline No. 404.

Oral: LD₅₀ is greater than 5g/kg (rats).

12. ECOLOGICAL INFORMATION
Contains no CFCs, phosphates, silicates, borates, halogens, or phenols.

13. DISPOSAL CONSIDERATIONS
MICRO-90® Concentrated Cleaning Solution is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.
(Note: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, incorrect or otherwise inappropriate.)

14. TRANSPORTATION INFORMATION

A. USA
D.O.T. SHIPPING
Not regulated.

TECHNICAL SHIPPING NAME
Liquid Detergent

D.O.T. LABEL
None.

D.O.T. PLACARD
None.

FREIGHT CLASS PACKAGE
Class 55 — Liquid Detergent

PRODUCT LABEL
Concentrated Cleaning Solution

B. CANADA: TDG
Not regulated.

C. ENGLAND: APPROVED CARRIAGE LIST
Not regulated.

15. REGULATORY INFORMATION

A. USA
TSCA STATUS
All ingredients are listed on the TSCA inventory.

SARA TITLE III, 302/303 EHS
None.

SARA TITLE III, 304, HS
None.

SARA TITLE III, 313
None.

B. CANADA
DSL
All ingredients are listed on the Domestic Substance List.

WHMIS Classification
Not controlled.

C. EC
EINECS
All ingredients are listed.

D. CHIPS
Not a significant eye irritant.
Not a skin irritant.

16. STATE REGULATORY INFORMATION
For details on specific requirements, you should contact the appropriate agency in your state.

17. OTHER INFORMATION

PREPARED BY
K. Wyrofsky,
President

APPROVED BY
T. McGuckin,
Vice President of Quality & Safety

APPROVAL DATE
February 1, 2007

NOTE: All data presented here are for the full-strength product, unless otherwise noted. However, recommended usage is as a 1-2% w/w solution in water.

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