

[Return to Index](#)

Approved: June 15, 2009

NFPA Flammability 0 1 0 Health Reactivity 0 = Minimal Hazard 4 = Severe Hazard	MATERIAL SAFETY DATA SHEET* (MSDS) International Products Corporation  CONCENTRATED CLEANING SOLUTION	HMIS Health – 1 Flammability – 0 Physical Hazards – 0 Personal Protection – B 0 = Minimal Hazard 4 = Severe Hazard B = Safety Glasses & Gloves
1. PRODUCT AND COMPANY IDENTIFICATION PRODUCT NAME MICRO-90® CHEMICAL FAMILY Mixture CHEMICAL USE Concentrated Cleaning Solution ISSUE DATE OF MSDS June 15, 2009 MANUFACTURER: EMERGENCY TELEPHONES: International Products Corporation Transportation: 201 Connecticut Drive CHEMTREC Burlington, NJ 08016, USA (800) 424-9300 Tel: (609) 386-8770 (Calls within USA & Canada) Fax: (609) 386-8438 (703) 527-3887 mkt@ipcol.com (Calls from outside the USA) UK BRANCH: Unit 5, Green Lane Bus. Park Non-transportation: 238 Green Lane Tel: (609) 386-8770 London, SE9 3TL, United Kingdom Fax: (609) 386-8438 Tel: 020 – 8857-5678 Fax: 020 – 8857-1313 saleseurope@ipcol.com	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.	
2. COMPOSITION / INFORMATION ON INGREDIENTS Contains no hazardous ingredients in concentration greater than 1%. Contains water, builders, and surfactants. This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.	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. FIRE FIGHTING INSTRUCTION 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.	
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. ***** POTENTIAL 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 in 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) ***** POTENTIAL ENVIRONMENTAL EFFECTS None known.	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 Five years from date of manufacture when stored in original sealed container at recommended storage temperature range. STORAGE TEMPERATURE 5–43°C (41–110°F)	

*ANSI Z400.1-1998 format

Return to Page

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION			13. DISPOSAL CONSIDERATIONS								
ENGINEERING CONTROLS Good general ventilation should be sufficient to control airborne levels.			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.								
RESPIRATORY PROTECTION For most situations, no respiratory protection should be needed.			(Note: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.)								
SKIN PROTECTION Wear nitrile or neoprene gloves.			14. TRANSPORTATION INFORMATION								
EYE PROTECTION Wear safety glasses with side shields (or goggles). Contact lenses should not be worn.			A. USA								
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.			D.O.T. SHIPPING Not regulated.								
* * * * *			TECHNICAL SHIPPING NAME Liquid Detergent								
EXPOSURE LIMITS Not established for product as whole.			D.O.T. LABEL None.								
<table><tr><td>Ingredients</td><td>CAS #</td><td>ACGIH</td></tr><tr><td colspan="3">None established for individual components.</td></tr></table>			Ingredients	CAS #	ACGIH	None established for individual components.			D.O.T. PLACARD (non-bulk) None.		
Ingredients	CAS #	ACGIH									
None established for individual components.											
			FREIGHT CLASS PACKAGE Class 55 — Liquid detergent								
			PRODUCT LABEL Concentrated Cleaning Solution								
			B. CANADA: TDG Not regulated.								
			C. ENGLAND: APPROVED CARRIAGE LIST Not regulated.								
9. PHYSICAL AND CHEMICAL PROPERTIES			15. REGULATORY INFORMATION								
APPEARANCE Yellow liquid.			A. USA								
ODOR Ammonia odor.			TSCA STATUS All ingredients are listed on the TSCA inventory.								
pH (neat) ca. 9.5			SARA TITLE III, 302/303 EHS None.								
BOILING POINT ca. 100°C (212°F)			SARA TITLE III, 304, HS None.								
FREEZING POINT ca. -8°C (18°F)			SARA TITLE III, 313 None.								
SOLUBILITY IN WATER Complete			B. CANADA								
SPECIFIC GRAVITY (water = 1) 1.135@25°C			DSL All ingredients are listed on the Domestic Substance List.								
10. STABILITY AND REACTIVITY			WHMIS Classification Not controlled.								
STABILITY Stable liquid.			C. EC								
HAZARDOUS POLYMERIZATION Will not occur.			EINECS All ingredients are listed.								
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.			RoHS Directive MICRO-90® does not contain any ingredients listed in 2002/95/EC.								
DECOMPOSITION PRODUCTS Not determined.			REACH Directive All ingredients comply with EC 1907/2006.								
11. TOXICOLOGICAL INFORMATION			D. CHIPS Not a significant eye irritant. Not a skin irritant.								
Eye: Irritant per USA-FHSA criteria. Not an Irritant per OECD Guideline No. 405.			All ingredients are also listed on the following inventories: Australia (AICS), Korea (ECL), Japan (ENCS), China (EICS), and Philippines (PICCS).								
Skin: Not an irritant per USA-FHSA criteria. Not an irritant per OECD Guideline No. 404.			16. STATE REGULATORY INFORMATION								
Oral: LD ₅₀ is greater than 5g/kg (rats).			For details on specific requirements, you should contact the appropriate agency in your state.								
12. ECOLOGICAL INFORMATION			17. OTHER INFORMATION								
Contains no CFCs, ODCs, phosphates, silicates, borates, halogens, or phenols.			PREPARED BY K. Wyrofsky, President								
			APPROVED BY T. McGuckin, Vice President of Quality & Safety								
			APPROVAL DATE June 15, 2009								
			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.								
			While International Products Corporation believes the information contained herein to be true and accurate, it has relied on information provided by others. International Products Corporation makes no warranties, express or implied, as to the accuracy or adequacy of the information contained herein or with respect to the results to be obtained from the use of the product. International Products Corporation disclaims all liability with respect to the use of this product, including without limitation, liability for injury to the user or third-party persons.								