

**UYEMURA INTERNATIONAL CORPORATION**  
**MATERIAL SAFETY DATA SHEET**

**Product Name:** Accemulta MPD-32

**Revised:** 8/07 **Revision:** A

**MSDS code:** 31-0032

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UIC urges each customer or recipient of this MSDS to study carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals that are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should: 1) Notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers, and other users of the product of this information.

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**1.1 IDENTIFICATION**

**Product name:** Accemulta MPD-32

**Chemical name:**

**Chemical family:** Aqueous solution containing a palladium salt

**Formula:** Not applicable

**1.2 COMPANY IDENTIFICATION**

Uyemura International Corporation  
3990 Concours, Suite 425  
Ontario, CA 91761  
(909) 466-5635

UIC Technical Center  
240 Town Line Road  
Southington, CT 06489  
(860) 793-4011

**1.3 EMERGENCY TELEPHONE NUMBER**

24 hours a day: In case of spill, leak, exposure or accident- Call Chemtrec  
1-800-424-9300. For International Call +1-703-527-3887 (Collect)  
Number for non-emergency questions concerning MSDS (860)793-4011  
Additional information on this product may be obtained by calling  
(800)243-3564

**2. COMPOSITION INFORMATION**

<b>Principal Hazardous Component(s)</b>	<b>CAS#</b>	<b>Amount (%)</b>
Phosphoric acid	7664-38-2	2.0

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**3. HAZARD IDENTIFICATION**

**3.1 EMERGENCY OVERVIEW**

**Appearance** Light brown

**Physical state** Liquid

**Odor** None

**Hazards of product** No dangerous reactions are known to occur with correct handling and storage.

**3.2 POTENTIAL HEALTH EFFECTS**

**Effects of Single Acute Overexposure**

This product may cause mild irritation to eyes and skin upon contact. Very slightly dangerous in case of skin contact (sensitizer), of ingestion.

**Chronic, Prolonged Exposure or Repeated Overexposure**

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. Toxicity of the product to the reproductive system: Not available. Repeated or prolonged exposure is not known to aggravate medical conditions.

**3.3 POTENTIAL ENVIRONMENTAL EFFECTS**

None known

**4. FIRST AID PROCEDURES**

**SKIN AND EYES:** On skin contact, rinse thoroughly with water. Remove contaminated or saturated clothing. Be careful to clean folds, crevices, creases and groin. Cold water can be used. Cover irritated skin with emollient. If irritation persists, seek medical advice. On eye contact, rinse thoroughly with plenty of water keeping eyelid open. Seek medical attention.

**INHALATION:** Bring affected person outside and ensure that he/she is comfortable. Seek medical attention immediately.

**INGESTION:** Remove dentures. Watch for an obstruction in the victim's mouth. Remove if possible but do not force fingers or a hard object between the victim's teeth. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Seek immediate medical attention.

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**5. FIRE FIGHTING MEASURES**

Flash Point (Method used) :Non-Flammable                      Flammable Limits      Uel:N/A

Extinguishing Media : all extinguishing media suitable                      Lel: N/A

**Special Fire Fighting Procedures :** None

**Unusual Fire and Explosion Hazards :**      None known

**6. ACCIDENTAL RELEASE MEASURES**

**Steps to be taken in case material is released or spilled :** Liquid or solid spills should be responded to immediately. The spill, if liquid can be absorbed with an inert material; the solid spill can be swept or shoveled and put into a clean container/cover to ensure proper containment. All cleanup materials when contained must be labeled properly and stored in a safe place to await proper disposal. Persons performing the clean-up work should wear personal protective clothing and equipment.

**7. HANDLING AND STORAGE**

**7.1 HANDLING**

**General Handling**

Do not breathe vapor

Do not get in eyes, on skin, on clothing

Do not swallow

Keep container closed Use with adequate ventilation

Wash thoroughly after handling

Prevent any penetration into the ground

*NOT INTENDED FOR DRUG USE. FOR INDUSTRIAL USE ONLY.*

**Ventilation**

General(mechanical ventilation is expected satisfactory where this product is stored and handled in closed equipment. Special, local ventilation is needed at points where vapors can be expected to escape to the workplace air.

**Other Precautions**

None

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Components with work place related limits to be monitored

Ammonium chloride CAS# 12125-02-9      TWA 10 mg/M3

**Respiratory Protection (Specify type) :**      Use appropriate MSHA/NIOSH approved respirator or equivalent if levels exceed exposure limits



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**13. DISPOSAL CONSIDERATIONS**

Dispose according to Federal, State and local regulations. Do not allow product to reach sewage system. Dispose of empty containers according to regulations. Contains palladium

**14. TRANSPORT INFORMATION**

**Shipping Information**

DOT

**Proper Shipping Name:** Chemical, N.O.I.

**Hazard Class:** Not Regulated

**ID number:**

**DOT Labels:**

**Special Information**

**Packing Group:**

**Reportable quantity:**

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**TSCA Inventory Status:** Reported/Included

**HAZARDOUS CHEMICAL LISTS**

**SARA Extremely Hazardous Substance:** No

**CERCLA Hazardous Substance :** yes

**SARA Toxic Chemical :** yes

**Superfund Amendments and Reauthorization Act of 1986(SARA) Title III Sections 311 and 312**

**Delayed Hazard:** No

**Fire Hazard:** No

**Immediate Health Hazard:** yes

**Reactive Hazard:** No

This product contains the following EPCRA Section 313 chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372)

CAS#	Chemical name	Reportable Percent by weight
7664-38-2	Phosphoric acid	2

**Canadian Regulations:**

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<b>16 OTHER INFORMATION</b>
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**HMIS Rating :** Health (2), Flammability(0), Reactivity ( 0)

4= Extreme; 3= Severe; 2 = Moderate ; 1= Slight ; 0 =No known hazard

The information , recommendations and suggestions herein are believed to be reliable. However, it is the users responsibility to determine the safe handling and suitability for his/her use of the product described herein. Since the use by others is outside our control, no guarantee, expressed or implied, is made by Uyemura International Corporation as to the effects of such use, the results obtained or the safety and toxicity of the product nor does UIC per se assume any liability arising out of use , by others of the product referred to herein. Nor is the information herein to be construed as absolutely complete since more information may be desirable or necessary when particular or exceptional circumstances exist, or because of applicable laws or government regulations. End of MSDS