

# MATERIAL SAFETY DATA SHEET

## SECTION I – PRODUCT IDENTIFICATION

PRO PLANET Industrial Supply  
1615 Monrovia Avenue Costa Mesa, CA 92627

Emergency: 1-800-535-5053  
Information: 949-645-4582

PRODUCT NAME: PRO-IMC Product Number: 461  
DATE PREPARED: 1/1/2005  
HAZARD RATING: HEALTH-2; FIRE-0; REACTIVITY-1; SPECIAL-NONE  
(HAZARD RATING SCALE: 4-SEVERE; 3-SERIOUS; 2-MODERATE; 1-SLIGHT; 0-MINIMAL)

## SECTION II – HAZARDOUS INGREDIENT/IDENTITY INFORMATION

NAME	CAS NO.	ACGIH / TLV	OSHA / PEL
PHOSPHORIC ACID	7664-38-2	1mg/m3	1mg/m3

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY (Air=1): 0.78  
SPECIFIC GRAVITY (H2O=1): 1.10  
MELTING POINT: Not determined  
EVAPORATION RATE: Not determined  
SOLUBILITY IN WATER: Complete  
APPEARANCE: Clear  
ODOR: Low  
PH: 2

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Non-flammable  
EXTINGUISHING MEDIA: Use media suitable for surrounding materials  
FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus and protective clothing when fighting chemical fires. Floors wetted with this material are slippery.  
FIRE & EXPLOSION HAZARDS: Material will liberate flammable hydrogen gas if in contact with tin, zinc, or aluminum. Material is a corrosive alkali.

## SECTION V – REACTIVITY DATA

STABILITY: Stable  
CONDITIONS TO AVOID: None known  
INCOMPATIBILITY: Avoid strong acids and contact with tin, zinc, or aluminum.  
HAZARDOUS DECOMPOSITION: Hydrogen gas.  
HAZARDOUS POLYMERIZATION: Will not occur

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## SECTION VI – HEALTH HAZARD DATA

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**EYE CONTACT:** Corrosive to eyes and mucous membranes.

**SKIN CONTACT:** Corrosive to skin and will cause severe burns.

**SKIN ABSORPTION:** No cases reported.

**INHALATION:** May cause irritation in lungs and throat.

**SWALLOWING:** Large amounts swallowed can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**SYMPTOMS OF EXPOSURE:** Tissue destruction or severe irritation at areas of contact.

**TARGET ORGAN EFFECTS:** No cases reported.

**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing eye or skin conditions will be aggravated by contact.

**EMERGENCY AND FIRST AID PROCEDURES:** For eye contact, immediately flush with running water for at least 15 minutes. Get immediate medical attention. For skin contact, flush thoroughly with running water. If irritation is severe or persists, consult a physician. If swallowed, do NOT induce vomiting. Give several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.

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## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** At all times wear rubber gloves and goggles. Wipe or mop up small spills. Dike and absorb large spills with absorbent. Place all material into DOT-approved containers. Then neutralize residue with weak acid or vinegar followed by a dusting with bicarbonate of soda. Flush to a sanitary sewer with water. Do not permit material to enter storm drains, surface water, or contaminate land. Provide adequate ventilation.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all Local, State, and Federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep containers closed when not being used. Do not store near food.

**OTHER PRECAUTIONS:** This product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment.

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## SECTION VIII – CONTROL MEASURES

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**RESPIRATORY PROTECTION:** Not normally required

**VENTILATION:** Natural

**PROTECTIVE GLOVES:** Rubber gloves or vinyl gloves

**EYE PROTECTION:** Chemical goggles or glasses

**OTHER PROTECTION:** Not normally required

**WORK / HYGIENIC PRACTICES:** Wash and dry hands thoroughly. Remove contaminated clothing promptly and launder before reuse.

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## SECTION IX – DOT

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**DOT SHIPPING NAME:** Corrosive Liquid, UN3264 PGII

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## SECTION X – DISCLAIMER

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