

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

PRO-PLANET Industrial Supply
1615 Monrovia Avenue
COSTA MESA, CA 92627

EMERGENCY TEL:
1-800-535-5053

PRODUCT NAME: D-SCALE H.D.Q PRODUCT NUMBER: 417

INFORMATION TEL:
1-949 645-4582

DATE PREPARED: 12/2/2006

HAZARD RATING: HEALTH-3; 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
HYDROCHLORIC ACID	7647-01-0	5 mg/m ³	5mg/m ³
	7664-38-2	1mg/m ³	1mg/m ³

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: White
ODOR: mint
PH: 1

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

SECTION VI – HEALTH HAZARD DATA

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.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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.

SECTION VIII – CONTROL MEASURES

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.

SECTION IX – DOT

DOT SHIPPING NAME: UN 1789 – HYDROCHLORIC ACID SOLUTION, 8,PG-II

SECTION X – DISCLAIMER

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