

SECTION I PRODUCT IDENTIFICATION -
 Product Name: AQUAPHASE AQ-240 CLEANING SOLUTION (P678) DOT Proper Shipping Name: Potassium hydroxide, solution, 8, UN 1814, II
 Formula Type: Blended alkaline liquid

SECTION II HAZARDOUS INGREDIENTS -

Name	C.A.S. No.	%	Exposure Limit
Potassium hydroxide	1310-58-3	4-5	TWA 2 mg/m ³ (ceiling)

SECTION III PHYSICAL DATA
 Appearance/Odor: Amber liquid/mild odor Solubility in Water: complete Evaporation Rate (butyl acetate=1): <1
 Specific Gravity: 1.344 pH: 14 ± .2 Vapor Pressure (mm HG): NA
 % Evaporation by Volume: 68 Boiling Point (F°): approx 212 Vapor Density (air=1): NA

SECTION IV FIRE AND EXPLOSION INFORMATION -
 Flashpoint (F°) (Method Used): Not flammable
 Extinguishing media: foam CO₂ dry chemical water fog other XXX not applicable
 Special fire fighting procedures: Use procedures proper for the primary source of the fire. Treat as an alkaline material.
 Unusual fire and explosion hazard: Containers may melt or rupture from the heat of a fire.

SECTION V HEALTH HAZARD DATA - Primary routes of entry: eyes, skin, inhalation
 Signs and symptoms -
 Eye Contact: Direct contact can cause burns if not properly treated.
 Skin Contact: Prolonged or repeated contact can cause severe irritation.
 Inhalation: Spray mist or fog may cause irritation to nose, throat, or lungs if adequate ventilation is not provided.
 Ingestion: May cause corrosive damage to mouth, throat or stomach.
 Medical conditions generally aggravated by exposure: Pre-existing skin and lung diseases.

FIRST AID PROCEDURES -
 Eye Contact: Immediately flush with cool running water for 15 minutes, while holding eyelids apart. Contact a physician immediately.
 Skin Contact: Immediately wash with cool water for 15 minutes. Remove contaminated clothing. Contact physician if irritation persists.
 Inhalation: Move to fresh air. Monitor breathing and treat symptomatically. Call a physician.
 Ingestion: Do not induce vomiting. Drink 1-2 glasses of water or milk. Call a physician or poison control center immediately. Never give anything to drink to an unconscious person.

SECTION VI REACTIVITY DATA -
 Stability: Stable
 Incompatibility (materials to avoid): Oxidizers, acids, aluminum.
 Hazardous decomposition products: Possibly CO₂ or hydrogen.
 Hazardous polymerization: Will not occur

SECTION VII SPILL LEAK PROCEDURES -
 Steps to be taken in case material is released or spilled: Wear protective equipment. Small spill: mop up and rinse area. Large spills: Dike spill. Absorb with inert material. Containerize. Rinse area with water. Keep out of storm sewers and waterways.
 Waste disposal information: Properly neutralized liquid (pH 6 to 9) may be disposed of at a suitable facility in accordance with all federal, state and local regulations. Above pertains to undiluted product.

SECTION VIII SPECIAL PROTECTION INFORMATION -
 Respiratory Protection: If mist is not controlled by local ventilation, use NIOSH respirators for organic vapors.
 Ventilation: Central room or local exhaust.
 Protective gloves: Rubber, pvc, nitrile
 Eye Protection: Splash proof glasses or goggles.
 Other protective measures: Rubber boots if there is a spill.

SECTION IX SPECIAL PRECAUTIONS -
 Handling and Storage:
 Keep container closed when not in use. Do not breathe mists or vapors. Keep out of reach of children. Mix only with water. For industrial & institutional use only. Wash contaminated clothing before reuse.

SECTION X TOXICITY DATA -
 This product does not contain ingredients considered to be carcinogenic by the NTP, IARC, or OSHA.

SECTION XI HAZARD RATING - 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE
 Health: 3 Reactivity: 1 Fire: 0 Special: none

SECTION XII REGULATORY INFORMATION -

SECTION XIII DOCUMENTARY INFORMATION -
 Date issued: 2/26/02 Supercedes: 3/30/99 Reason for update: review
 The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.