

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

TRADE NAME (as labeled):
1040

DATE PREPARED/REVISED:
February 12, 1992

MANUFACTURER'S NAME:
Hydro Engineering, Inc.
865 West 2600 South
Salt Lake City, Utah 84119

PHONE NUMBER(S):
801/972-1181 In Utah
800/247-8424 Toll Free

II. HAZARDOUS INGREDIENTS

Chemical Names Other (specify)	CAS Numbers	Percent	Exposure Limits in Air (give units)	
			ACGH TLV	OSHA PEL
Alkaline Phosphate detergent	N/A	N/A	None	Established

III. PHYSICAL PROPERTIES

Vapor density (air=1): > 1
 Specify gravity (H₂O=1): 1.01
 Solubility in water: 100%
 Vapor pressure (mmHg @ 20 °C): > 1
 Appearance and odor: Amber color, light musty smell.

Melting point of range (°F): N/A
 Boiling point or range (°F): 215°
 Evaporation rate (butyl acetate=1): < 1

IV. FIRE AND EXPLOSION

Flash point (°F) (give method): N/A
 Auto ignition temperature (°F): Not tested

Flammable limits in air (volume %): lower (LEL): Unknown upper (UEL): Unknown

Fire extinguishing materials:
 water spray carbon dioxide (CO₂) other (alcohol type)
 foam dry chemical

Special fire fighting procedures: Use self-contained breathing apparatus for confined spaces.

Unusual fire and explosion hazards: None known.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE (for each potential route of exposure).

Inhaled: Possible irritant to nose and throat when breathing concentrated vapors.

Absorbed through skin: Irritation to skin.

Swallowed: Nausea and vomiting.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: Short term exposure drying of the dermal contact area. Itching to skin area for people with sensitive skin.

Cronic: None observed.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush with water for at least 15 minutes. Seek immediate medical attention if irritation persists.

Skin contact: Wash area with water. Seek medical attention if irritation persists.

Inhaled: Remove from source or irritation to fresh air.

Swallowed: Drink large quantities of or water to dilute, induce vomiting.

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found on the list below.

YES: **Federal OSHA** **NTP** **IARC**

California employers using Cal/OSHA -- regulated carcinogen must register with Cal/OSHA. The Cal/OSHA and Federal OSHA lists are similar.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None.

VI. REACTIVITY DATA

Stability: **Stable** **Unstable**

Conditions to avoid: Store in cool dry area.

Incompatibility (materials to avoid): Avoid strong Acids.

Hazardous decomposition products (including combustion products): Caron Proxide and carbon Monoxide

Hazardous polymerization: **May occur** **Will not occur**

Conditions to avoid: None

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Collect & use if not contaminated.

Preparing wastes for disposal (container types, neutralization, etc.): As locally required for Phosphate Detergents.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: None required.

Respiratory protection (type): None required.

Eye protection (type): Goggles

Gloves (specify material): Rubber or Plastic

Other clothing and equipment: Eye wash and safety shower.

Work practices, hygiene practices: Wash hands in soap and water after handling.

Other handling and storage requirements: Irritant. Avoid unnecessary contact. Keep out of reach of children, keep container closed when not in use, avoid freezing.

Protective measures during maintenance of contaminated equipment: None required.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

- Contains no photochemically reactive solvents.
- Contains no volatile organic compounds per EPA Method #24.
- Drain acceptable to a treatment plant, after soil release, when used as directed.
- This product contains no other component considered hazardous according to the criterion of 29 CFR 1910.1200.

NFPA 704 Code System Rating = Health 0; Flammability 0; Reactivity 0.

HMIS Code System Rating = Health 0; Flammability 0; Reactivity 0.