

MATERIAL SAFETY DATA SHEET
MAY BE USED TO COMPLY WITH
OSHA'S HAZARD COMMUNICATION STANDARD,
29 CFR 1910.1200. STANDARD MUST BE
CONSULTED FOR SPECIFIC REQUIREMENTS

US DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY & HEALTH ADMIN.
(NON-MANDATORY FORM)
FORM APPROVED
OMB NO. 1218.0072

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MATERIAL SAFETY DATA SHEET

PRODUCT:
LIQUICLEAN H

D.O.T. : Not Regulated or Regulated
Shipping Name (If regulated) :

SECTION I

Manufactured By:
RUHOF CORPORATION
393 SAGMORE AVENUE
MINEOLA NY 11501-1919

Emergency Phone: 1-800-424-9300
Information Phone: 516-294-5888
Date Prepared: 7/21/03
Signature of Preparer (optional):

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	OSHA PEL	CAS #	%
Specific Chemical Identity (Common Name) : TETRAPOTASSIUM PHOSPHATE		7320-34-5	

Sara Hazard: Fire? NO Pressure? NO Reactivity? NO Acute? NO Chronic? NO

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212 F	Specific Gravity (water=1):	1.1
Vapor Pressure (mm Hg) :	AS WATER	Melting Point:	N/A
Vapor Density (Air=1):	N/A	Evaporation Rate:	1
pH:	9.5	Evaporation Standard:	WATER
Solubility in Water:	COMPLETE		
Appearance & Odor:	CLEAR, BLUE LIQUID, NO ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : NONE
Flammable Limits in Air (%): N/A Lower: Upper: N/A
Extinguishing Media: WATER, FOAM, FOG, DRY CHEMICAL

Special Fire Fighting Procedures:
FIGHT SURROUNDING FIRE.

Ratings	NFPA	HMIS
Health	1	0
Fire	0	0
Reactivity	0	0

Fire/Explosion Hazards:
NONE

SECTION V - REACTIVITY DATA

Stability: Unstable Stable
Conditions to Avoid: DO NOT FREEZE
Materials to Avoid: HEAT
Hazardous Decomp/Byproducts: OXIDES OR PHOSPHORUS
Hazardous Polymerization: May Occur Will Not Occur
Conditions to Avoid: NONE

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=====SECTION VI – HEALTH HAZARD DATA=====

Routes of Entry: Inhalation?YES Skin?YES Ingestion?YES

Acute & Chronic Health Hazards:

EYES: IRRITATION. SKIN: NO SPECIFIC HAZARD. INHALATION: UPPER RESPIRATORY TRACT IRRITATION. INGESTION: IRRITATION OF MUCOUS MEMBRANES, NARCOSIS.

Carcinogenicity:NO NTP:NO IARC:NO OSHA Regulated:NO

Signs/Symptoms of Exposure:

EYES: IRRITATION, REDDENING TO EYES. INGESTION: IRRITATION OF MOUTH, LUNGS, THROAT, AND STOMACH.

Medical Conditions Generally Aggravated by Exposure:

DERMATITIS

Emergency and First Aid Procedures:

INGESTION- RINSE MOUTH AND THROAT WITH WATER. SKIN AND EYES- FLUSH WITH FRESH WATER-IN THE CASE OF ANY SYMPTOMS-SEE DOCTOR.

=====SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE=====

In case Material is Released or Spilled:

FLUSH WITH LARGE AMOUNTS OF WATER. ABSORB IN CLAY ABSORBENT. SHOVEL TO DRY WASTE CONTAINER.

Waste Disposal Method:

ABSORB IN INERT CLAY OR ABSORBENT, OR MOP UP. DISPOSE OF IN SANITARY SEWER OR LANDFILL IN ACCORDANCE WITH REGULATIONS.

Precautions to be Taken in Handling and Storing:

KEEP FROM FREEZING. STORE IN A DRY AREA. KEEP AWAY FROM OXIDANTS.

Other Precautions:

NONE.

=====SECTION VIII – CONTROL AND PROTECTION MEASURES=====

Respiratory Protection:

NIOSH-APPROVED RESPIRATOR.

Ventilation: YES Special Ventilation: NO Local Exhaust Needed: NO Mechanical: YES Other: NO (General)

Protective Gloves: PLASTIC OR RUBBER RECOMMENDED

Eye Protection: NOT USUALLY NEEDED. SAFETY GLASSES IF SPLASHING LIKELY.

Clothing/Equipment: NO SPECIAL REQUIREMENTS

Work/Hygiene: WASH CONTAMINATED CLOTHING BEFORE REUSE. SAFETY EYEWASH NEARBY.

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