

SlurryPRO[®] MPA

KB International LLP

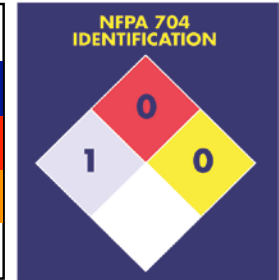
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SlurryPRO MPA	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	0



For Emergencies Assistance Call:

USA: Chemtel, Inc. day or night at 1 800-255-3924

International: Chemtel, Inc. day or night at +1 813-248-0585. Call collect if necessary. The bilingual operator can then assist in identifying the language of the caller in they do not speak English so Chemtel can conference the call to their on-line translation service for proper interpretation.

1. MATERIAL IDENTIFICATION

Product Name: HydroCLEAR[®]

Use: Clarification Aid

Formula:	CAS Reg. No.:	% of Formulation:
Trade Secret	Proprietary	
Water	7732-18-5	>75%

2. COMPOSITION / INFORMATION ON INGREDIENTS

This product is not a health hazard according to the OSHA Hazard Communication Standard 29CFR1910.1200. If this product is used in a manner that could generate particulates (dust), refer to MSDS Section 8, "Recommended Exposure Limits and Personal Protective Equipment". Not listed as a carcinogen by IARC, NTP, OSHA.

3. PHYSICAL DATA

Material is (at normal conditions):	Water based liquid; no volatile organics (VOCS) present.
Appearance and Odor:	Straw colored liquid.
pH:	5-7
Boiling Point:	100° C
Melting Point:	- 0° C
Specific Gravity:	1.14 - 1.16
Vapor Pressure:	ND (mm Hg / 20°C)
Vapor Density:	NA (Air = 1.0)
Solubility in Water:	Complete (% by weight)
% Volatiles by Volume:	60 (at 20°C water)
Evaporation Rate:	ND (Butyl Acetate = 1)

4. REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Protect from freezing
Incompatibility (materials to avoid):	Strong oxidizing agents.
Hazardous Decomposition Products:	May produce carbon dioxide and/or carbon monoxide; oxides of nitrogen and some HCl vapor.
Hazardous Polymerization:	Will not occur.



5. FIRE & EXPLOSION DATA

Flash Point: Not flammable
Auto Ignition Temperature: NA
Flammable Limits in Air % by Volume: NA
Unusual Fire and Explosion Hazards: None known

6. FIRE FIGHTING MEASURES

Fire Extinguishing Agents Recommended: Foam, carbon dioxide, or dry chemical
Fire Extinguishing Agents to Avoid: NA
Special Fire Fighting Precautions: Wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool. Solutions of product are slippery.

7. HEALTH & HAZARD INFORMATION

Inhalation: Mist, if formed, may irritate respiratory tract.
Ingestion: May irritate gastrointestinal tract. This product is not listed as a carcinogen IARC, NTP, OSHA
Skin: May cause irritation, especially after prolonged or repeated contact.
Eyes: May cause irritation, especially after prolonged or repeated contact.
Permissible Concentration in Air: None known
Unusual Chronic Toxicity: None known.

8. FIRST AID MEASURES

Inhalation: Remove to fresh air. Apply mouth-to-mouth artificial respiration if not breathing. Get immediate medical attention.
Skin: Flush with plenty of soap and water for at least 15 minutes. If irritation persists, get medical assistance.
Eyes: Immediately flush with water, continuing for 15 minutes. Get medical attention.
Ingestion: low oral toxicity. Drink 2 to 4 glasses of water. Get immediate medical assistance.

9. PERSONAL PROTECTION EQUIPMENT

Respiratory Protection: If misty conditions are encountered, wear NIOSH approved respirator.
Eye & Face Protection: Splash-proof goggles if liquid contact is possible. Do not wear contact lens. Wear hard hat.
Hands, Arms, & Body: Rubber gloves and full work clothing. Add protective (rubber) clothing if splashing or repeated contact with material is likely.
Other Clothing & Equipment: Eye wash and quick drench shower.

10. ACCIDENTAL RELEASE MEASURES

Material and its solutions are extremely slippery. Dike and absorb spill with inert material such as sand, vermiculite, or dirt. Shovel into drums for disposal. Do not allow spill to enter waterways. Water may be used to complete cleaning.

11. HANDLING & STORAGE

Ventilation: Local exhaust if misty conditions prevail. Natural ventilation is adequate in the absence of mist and for non-enclosed areas.
Normal Handling: Avoid contact with skin, eyes or clothing. Do not inhale mist if formed. Use normal personal hygiene and housekeeping.
Storage: Store above freezing point of water, and below 40° C

12. ENVIRONMENTAL

Hazardous Decomposition Products: None known
Hazardous Polymerization: Not anticipated under normal or recommended handling and storage conditions.
General Stability Considerations: Stable under recommended handling and storage conditions.
Incompatible Materials: None known



13. TOXICOLOGICAL INFORMATION

Carcinogenicity Information: PRODUCT/SIMILAR PRODUCT - Not listed as a carcinogen by NTP. Not regulated as a carcinogen by OSHA. Not evaluated by IARC.

Reported Human Effects: PRODUCT/SIMILAR PRODUCT - A single case of allergic dermatitis has been reported after long-term skin contact. A single case of anaphylaxis was reported after ingestion.

Reported Animal Effects: PRODUCT/SIMILAR PRODUCT - Reported to cause rabbit eye irritation after exposure to dust. Low order of oral toxicity based on acute and chronic studies in several species.

Mutagenicity / Urogenicity / Genotoxicity Information: PRODUCT/SIMILAR PRODUCT - Not mutagenic in Ames assay or chromosome aberration test.

14. ECOLOGICAL INFORMATION

Ecotoxicological Information: PRODUCT/SIMILAR PRODUCT - In combination with UV light for 48 hours, the resulting test solutions are biodegradable in 38 days to at least 29% to <3,000 Daltons (size of mass fragments) in a certified test study. The product is rated as a low toxicity to fish, LC 50/96 hours is 357 mg/L to Brachydanio; Bioaccumulation partition coefficient (Pow)=0; No potential to bio accumulate.

Biodegradability: This product is biodegradable.

15. DISPOSAL CONSIDERATIONS

Waste Disposal: Incineration in accordance with applicable regulations is the recommended disposal method. Land filling in a permitted solid or hazardous waste facility, meeting technical regulatory requirements, is a suitable alternative. Wastewater containing this product can be considered for treatment in an acclimated biological treatment system

16. TRANSPORTATION INFORMATION

General: This product is not subject to DOT, ICAO, IMDG or ADR regulations.
For specific information regarding transportation of this product, please contact the KB International LLC at +1 (423) 266-6964 or FAX at +1 (832) 201-9196.

17. REGULATORY INFORMATION

CHEMICAL INVENTORIES: U.S. TSCA: Included on TSCA Inventory.

SARA TITLE III – SECTIONS 302 AND 304: This product is not an Extremely Hazardous Substance subject to reporting under 40CFR355.

SARA TITLE III - SECTION 311 AND 312: NHH: Not a health hazard
HC-3: Fire hazard

SARA TITLE III - SECTION 313: This product does not contain any chemicals subject to reporting under Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40CFR372.

CERCLA: This product does not contain any chemicals subject to reporting as a CERCLA Hazardous Substance under 40CFR302.4.

RCRA: This product is not a hazardous waste as listed in 40CFR261.33. It does not exhibit any of the hazardous characteristics listed in 40CFR261, Subpart C.

18. OTHER INFORMATION

DISCLAIMER

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

LIST OF ACRONYMS

ACGIH: American Conferences of Governmental Industrial Hygienists

AIHA WEEL: American Industrial Hygienists Association - Workplace Environmental Exposure Level

CASRN: Chemical Abstracts Service Registry Number



18. OTHER INFORMATION

CERCLA: Comprehensive Emergency Response, Compensation and Liability Act

HMIS: Hazardous Materials Identification System

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: OSHA Permissible Exposure Limit

RCRA: Resource Conservation and Recovery Act

RQ: Reportable Quantity

SARA: Superfund Amendment Reauthorization Act

STEL: Short-Term Exposure Limit

TLV: Threshold Limit Values (registered trademark of ACGIH)

TPQ: Threshold Planning Quantity

TSCA: Toxic Substance Control Act

TWA: Time Weighted Average