



Safety Data Sheet



RESPONSIBLE CARE[®]
OUR COMMITMENT TO SUSTAINABILITY

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification

Product Name: Phos-Chek ® AquaGel- K Solution – Uncolored & Colored
Reference Number: AST10144
Date: May 22, 2015

Use of the ingredient or preparation

Fire Suppressant Gel Solution

Company information

ICL PERFORMANCE PRODUCTS LP
622 Emerson Road - Suite 500
St. Louis, Missouri 63141

Emergency telephone: In USA call CHEMTREC: 1 800 424 9300
In Canada call CANUTEC: 1 613 996 6666

Outside the USA, including ships at sea, call CHEMTREC's international and maritime telephone number (collect calls accepted): +1 (703) 527-3887

General Information: +1 800 244 6169 (Worldwide)

2. HAZARDS IDENTIFICATION

GHS

No Pictogram

Warning

Mildly irritating to Eyes (Category 2B)
H320 Causes eye irritation

Precautionary Statements

P264 Wash thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

UNCOLORED SOLUTION

<u>Substance</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>% v/v</u>
Water	7732-18-5	231-791-2	98.6 – 99.4 -

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2-Propenoic acid, homopolymer, potassium salt	25608-12-2	n/a	0.4-1.2	-
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COLORED SOLUTION – includes the following additional components

Styrene /Acrylate Copolymer Dispersion	-	-	0.1	-
Diazo Dye	-	-	0.1	-

4. FIRST AID MEASURES**General**

Likely Routes of Exposure: eye and skin contact, ingestion.

Eye Contact

Avoid contact with eyes. In case of contact, wash eyes with plenty of water. Seek medical attention if irritation develops or persists.

Skin contact

Wash thoroughly with soap and water. If irritation develops, get medical attention.

Inhalation

This product is not believed to pose an inhalation hazard. Product is gel solution.

Ingestion

Immediately rinse mouth and then drink plenty of water. Do not induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

5. FIRE FIGHTING MEASURES**Extinguishing media**

Non-flammable

Unsuitable extinguishable media

Non-flammable

Exposure hazards

Slippery

Protective equipment

Non-flammable. Besides standard firefighter protective equipment, no additional protective equipment should be necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Avoid unnecessary exposure and remove all material from eyes, skin and clothing.

Environmental precautions

Small quantities: See below.

Large quantities: See below.

Method for cleaning up

Flush spill area with large amounts of water.

Refer to Section 13 for disposal information and Sections 14 and 15 for reportable quantity information.

7. HANDLING AND STORAGE

Handling:

Handle in accordance with good industrial hygiene and safety practices.

Engineering measures

Provide natural or mechanical ventilation to minimize exposure in enclosed environments. The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult National Fire Protection Association (NFPA) Standard 91 for design of exhaust systems.

Storage

No special requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure limit

OSHA and ACGIH have not established specific exposure limits for this material.

Components referred to herein may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

Respiratory protection

As a general precaution, avoid breathing vapor and /or mist. No special respiratory protection required. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Refer to OSHA 29 CFR 1910.133 or European Standard EN 149.

Hand/Skin protection

Chemical resistant protective gloves and closed work clothing is recommended. Wash soiled clothing.

Eye protection

Wear appropriate protective eyeglasses or chemical safety goggles as described in OSHA 29 CFR 1910.133 or European Standard EN166.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a) Appearance: Golden liquid
 - 1. Uncolored solution: Viscous clear liquid
 - 2. Colored Solution: Viscous red liquid
- b) Odor: None
- c) Odor threshold: Undetermined.
- d) pH: 6 – 8.5 (varies with pH of water used)
- e) Melting point/freezing point: Undetermined
- f) Initial boiling point and boiling range: Undetermined.

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- g) Flash point: Undetermined
- h) Evaporation rate: Undetermined.
- i) Flammability (solid, gas): Undetermined.
- j) Upper/lower flammability or explosive limits: Undetermined.
- k) Vapor pressure: Undetermined.
- l) Vapor density: Undetermined.
- m) Relative density: Undetermined
- n) Solubility(ies) : Forms foam
- o) Partition coefficient: n-octanol/water: Undetermined.
- p) Auto-ignition temperature: Undetermined.
- q) Decomposition temperature: Undetermined.
- r) Viscosity: Undetermined.

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. STABILITY AND REACTIVITY

Product is stable if stored and handled as prescribed / indicated.

Conditions to avoid

Viscosity decreases with ultraviolet (UV) exposure.

Materials to avoid

Salts

Hazardous decomposition

None known.

11. TOXICOLOGICAL INFORMATION

Uncolored solution meets U. S.D. A., Forest Service requirements as described in Interim Specification 5100-306a.

Laboratory Data

Uncolored Solution

Oral: LD₅₀/rat: > 5,050 mg/kg

Dermal: LD₅₀/rat: > 2,020 mg/kg

Skin Irritation - rabbit: 0.0/8.0 (24-hr. exp.); nonirritating

Eye irritation: rabbit: 28.3/110; moderately irritating (unwashed)

12. ECOLOGICAL INFORMATION

Environmental toxicity

Rainbow Trout LC₅₀ (96 h): 250 mg/l

Environmental Fate

13% biodegraded at 21 days.

13. DISPOSAL CONSIDERATIONS

This material when discarded is not a hazardous waste as that term is defined by the Resource, Conservation and Recovery Act (RCRA), 40 CFR 261. Consult your attorney or appropriate

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regulatory officials for information on such disposal.

14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

Road/Rail, Sea and Air

- IMDG/UN - Not regulated for transportation
- ICAO/IATA - Not regulated for transportation
- RID/ADR - Not regulated for transportation
- Canadian TDG - Not regulated for transportation
- US DOT - Not regulated for transportation

15. REGULATORY INFORMATION

Chemical Inventory

USA TSCA: Listed

WHMIS Classification: Not Controlled

SARA Hazard Notification

Hazard Categories Under Title III Rules (40 CFR 370): Not Applicable

Section 302 Extremely Hazardous Substances: Not Applicable

Section 313 Toxic Chemical(s): Not Applicable

CERCLA Reportable Quantity: Not Applicable

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulation and the MSDS contains all the information required by the Canadian Controlled Products Regulation.

Refer to Section 11 for OSHA Hazardous Chemical(s) and Section 13 for RCRA classification.

16. OTHER INFORMATION

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	
Suggested NFPA Rating	1	0	0	
Suggested HMIS Rating	1	0	0	C

C = Safety glasses, gloves, apron

Reason for revision: Sections 2, 3, 9. Supersedes MSDS dated: November 15, 2012

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