



Safety Data Sheet



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PHOS-CHEK® SOLID CLASS A FOAM STICK
Reference Number: AST 10185
Date: March 5, 2015

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 North America call CHEMTREC: 1-703-527-3887

General Information: 1-800-244-6169

2. HAZARDS IDENTIFICATION

GHS

Eye irritation Cat. 2B

No pictogram required for this classification.

WARNING

H320 Causes Eye Irritation

P305+P351+P338 Wash thoroughly after handling. 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 attention.

Refer to Section 11 for toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>% by weight</u>
Surfactant A	-	10-25
Surfactant B	-	10-25
2,4-pentandiol, 2-methyl-	107-41-5	1 - 3
Performance Additives+	Trade Secret	40 - 60

+ Components are Company Trade Secret - Business Confidential. ICL Performance Products LP is withholding the specific chemical identity under provision of the OSHA Hazard Communication Rule Trade Secrets (1910.1200). The specific chemical identity will be made available to health professionals in accordance with 29 CFR 1910.1200.

4. FIRST AID MEASURES

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Likely Routes of Exposure: Eye and Skin contact

IF IN EYES, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove any contact lenses. Get medical attention. Remove material from skin, eyes and clothing.

IF ON SKIN, flush with plenty of water. Immediate first aid is not likely to be required. Remove contaminated clothing. Get medical attention if irritation persists. Wash clothing before reuse.

IF INHALED, remove to fresh air. Immediate first aid is not likely to be required, if breathing. If breathing is difficult give oxygen. If not breathing, give artificial respiration. Get medical attention.

IF SWALLOWED in large amounts, give water to drink. Contact a physician or Poison Control Center for advice.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: water spray, dry chemical, alcohol foam, or carbon dioxide.

Hazardous Combustion Products: Carbon monoxide may form when heated to decomposition.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

Special protective equipment and precautions for fire-fighters: Standard firefighter protective equipment is sufficient, no additional protective equipment should be necessary.

6. ACCIDENTAL RELEASE MEASURES

In case of spill, sweep, scoop or vacuum and remove. Flush residual spill area with water.

Refer to Section 8 for Personal precautions and Protective equipment. Refer to Section 13 for disposal information and Sections 14 and 15 for reportable quantity information.

7. HANDLING AND STORAGE

HANDLING

Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

STORAGE

Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. The reuse of this material's container for non-industrial purposes is prohibited and any reuse must be in consideration of the data provided in the SDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

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

The following component has an exposure limit:

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2,4-pentandiol, 2-methyl-	25 ppm ceiling	25 ppm ceiling

This ingredient is 1%-3% by weight of the foam stick formulation.

VENTILATION: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

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EYE PROTECTION: Wear appropriate protective chemical safety goggles as described in U.S. OSHA 29 CFR 1910.133 or European Standard EN 166.

SKIN PROTECTION: Wear appropriate protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove for given application. Launder contaminated clothing and clean protective equipment before reuse.

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded. Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

- (a) Appearance: Smooth solid cylindrical shape, off white color
- (b) Odor: waxy odor.
- (c) Odor threshold: Undetermined.
- (d) pH: Undetermined.
- (e) Melting point/freezing point: Undetermined.
- (f) Initial boiling point and boiling range: Undetermined.
- (g) Flash point:>205°F TCC
- (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) : Undetermined.
- (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

STABILITY: Product is stable under normal conditions of storage and handling.

HAZARDOUS POLYMERIZATION: Will not occur.

Incompatible Materials: Incompatible with polymerization catalysts (peroxides, persulfates) and accelerators, strong oxidizers, strong bases, and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide may form when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Oral - rat LD50: > 5,050 mg/kg practically nontoxic

Dermal - rabbit LD50: > 2,020 mg/kg; no more than slightly toxic

Eye Irritation: 3.3/110.0; mildly irritating

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

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Inhalation, ingestion: No data available.

Carcinogen Status

National Toxicology Program (NTP) Report on Carcinogens: Not listed

International Agency for Research on Cancer (IARC) Monographs: Not listed

OSHA: Not listed.

12. ECOLOGICAL INFORMATION

Environmental toxicity

Coldwater fish: 96-hr LC50 Rainbow trout: 23.5 mg/L, Harmful

Environmental Fate

Readily biodegradable

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. Dispose of by incineration or recycle in accordance with local, state and federal regulations. Consult your attorney or appropriate 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 hazardous for transportation
ICAO/IATA passenger aircraft	not hazardous for transportation
RID/ADR	not hazardous for transportation
Canadian TDG	not hazardous for transportation
US DOT	not hazardous for transportation

15. REGULATORY INFORMATION

TSCA Inventory:	Listed
DSL Inventory:	Listed

WHMIS Classification: D2(B) - Materials Causing Other Toxic Effects

SARA Hazard Notification

Hazard Categories Under Title III Rules (40 CFR 370): Immediate

Section 302 Extremely Hazardous Substances: Not Applicable

Section 313 Toxic Chemical(s): Not Applicable

CERCLA Reportable Quantity: Not applicable

California Proposition 65: 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/HPA Hazardous Chemical(s) and Section 13 for RCRA classification.

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16. OTHER INFORMATION

	Health	Fire	Reactivity	Additional Information
Suggested NFPA Rating	1	1	0	
Suggested HMIS Rating	1	1	1	B

Reason for revision: Sections 2, 3, 5, 6, 9, 11, 12, & 16.

Supersedes MSDS dated: January 24, 2014

Product Use: Fire Suppressant

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Responsible Care ® is a registered trademark of the American Chemistry Council.

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