



Safety Data Sheet SWIMMING POOL WINTERIZER

Section 1. Product and Company Identification

Product Name:
SWIMMING POOL WINTERIZER

Product Code: C-F-SWP-SWIMP-06X01G and C-F-SWP-SWIMP-01X55G
Effective Date: July 2011

Manufacturer Information:
Douglas Products and Packaging Company
1550 East Old 210 Highway
Liberty, Missouri 64068
Information Phone: (816) 781-4250
Emergency Phone: Chemtrec (800) 424-9300

Section 2. Ingredients and Hazards Identification

Hazardous Components		Occupational Exposure Limits			
Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent	Section 313
This product contains no EPCRA Section 313 chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).					

Potential Acute Health Effects:
Eyes: Causes eye irritation
Skin: Expected to cause irritation.
Inhalation: Vapors may cause respiratory irritation
Ingestion: Harmful or fatal if swallowed

Section 3. Hazard Identification

Caution: Ingestion of product may be harmful.
Immediate Health Effects:
Eye Contact with the eyes causes irritation.
Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.
Ingestion: May be harmful if swallowed.
Inhalation: The fumes from this product may cause respiratory irritation. Delayed or other Health Effects:
Contain material that may cause adverse reproductive effects on animals data.

Target Organs:
May cause damage to the kidney on repeated ingestion.

Section 4. First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.
Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.
Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult give oxygen. Seek medical attention if breathing is still difficult.
Ingestion: If swallowed, get medical attention immediately. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flash Point: 264 °F
Fire Fighting Media: Dry chemical, carbon dioxide, AFFF foam or alcohol resistant foam.
Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE).

Section 6. Accidental Release Measures

Clean-up Procedures: Wear proper PPE. Stop the source of the release if you are not put at risk. Use non-combustible absorbent material to absorb the spill, use non-sparking tools to consider proper disposal.
Spills and Leaks: Dispose in accordance to local, state or federal regulations.

Section 7. Handling and Storage

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling. Do not breathe vapor or fumes. Keep out of reach of children.
Storage: Store in original labeled container. Keep in cool and dry areas. Make sure that the containers do not pressurize due to extreme heat.

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Section 8. Exposure Control/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves

Respiratory: Wear an approved respirator that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None

Section 9. Physical and Chemical Properties

Odor	Slight	Vapor Pressure	22 torr @ 100°F
Color	Pink	% Volatiles by Volume	ND
Physical State	Liquid	Specific Gravity (H ₂ O=1)	0.9903 @ 60.1 °F
pH	ND	Solubility	Complete in water
Freezing Point	-50 °F	Boiling Point	370 °F
Vapor Density (air=1)	2.62		

Section 10. Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: At elevated temperatures one can get aldehydes. If complete combustions oxides of carbon.

Hazardous Polymerization: Will not occur

Incompatibility~ Materials to Avoid: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates or peroxides.

Section 11. Toxicological Information

Acute Eye Irritation: May be irritating

Acute Skin Irritation: Chronic exposure may be irritating

Acute Dermal Toxicity: Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: None

Existing Medical Conditions Aggravated by

Exposure: Exposure to inhalation, may cause respiratory problems and depression of central nervous system.

Section 12. Ecological Information

Ecotoxicity: The toxicity of this product has not been determined to aquatic organisms; this material should be kept out sewers, drainage systems and all bodies of water.

Environmental Fate: This product should be expected to be readily bio-degradable.

Section 13. Disposal Considerations

Waste Disposal Method: What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations.

Container Handling and Disposal: All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

Section 14. Transport Information

D.O.T. Classification: Not regulated by US DOT

Shipping Name: SWIMMING POOL

ANTIFREEZE

Technical Shipping Name: None

UNFIC: None

ID Number: None

Packaging Group: None

Labels: No US DOT Labels

Section 15. Regulatory Information

EPCRA 311/312 Categories: Immediate (Acute)

Health Effects: Yes

Delayed (Chronic)

Health Effects: Yes

Fire Hazard:

No

Sudden Release of

Pressure

No

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Reactivity: No

Right to know classification: Propylene glycol is listed in CA, PA, MN, MA, MI, FL and NJ.
TSCA: Propylene glycol
Reportable Quantity (RQ): None
Prop. 65: Not listed
WHMIS: Class D2, B (Skin or eye irritant)

Propylene glycol is listed in chemical inventories in: ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

SWISS Giftlist 1
SWISS Inventory of
Notified New Substances
Value TLV Threshold Limit
TSCA Toxic Substance
Control Act TWA Time Weighted
Average (Taiwan) List of Toxic
Chemical Substances regulated under Taiwan
Toxic Chemical
Substances Control Act of 1086
USA United States of
America UK United Kingdom

Abbreviations:
AICS Australian
Inventory of Chemical Substances
CAS # Chemical
Abstract Service Number
°C Celsius
temperature scale °F Fahrenheit
temperature scale ECL Korean Existing
Chemicals List EEC European
Economic Commission ENCS Japanese Existing
and New Chemical List EINECS # European
Inventory of Existing Chemical Substances
Number EU European Union
(Israel) 2001 proposed
list of chemical substances to be regulated under
Israel
Hazardous Substances Law and Regulations
List
MAC Netherlands
MAK Germany
MITI Ministry of
International trade and Industry
NA Not applicable
PEL Permissible
Exposure Limit
PICCS Philippines
Inventory of Chemicals and Chemical
Substances
PPE Personal
Protective Equipment
Prop. Proprietary
NA Not applicable
ND Not determined
STEL Short Term
Exposure Limit

Section 16. Other Information

Hazardous Material Information (HMIS)
National Fire Protection Association
(NFPA)

Health	1	1	Health
Fire	1	1	Fire
Reactivity	0	0	Instability
Personal Protection	I		NA

Health 4 Deadly 3 Extreme
Danger 2 Dangerous 1 Slight hazard 0 No
hazard
Fire 4 < 73 °C 3 < 100 °C 2
< 200 °C 1 > 200 °C 0 Will not burn
Reactivity/Instability 4 - May detonate 3
Explosive 2 Unstable 1 Normally stable 0
Stable

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