

**Section 1. Identification**

**Product Name:** FortiCel™ New Construction

**Product use:** Industrial fungicide

**Effective Date:** 16 November, 2012

**Replaces:** New

**Manufacturer Information:**

Protective Coatings Group  
 PO Box 61912  
 Jacksonville, FL 32236  
 Telephone number: 904-378-8693

**USA Emergency Phone Number:**

**CHEMTEL (24-hr/7 days): 1-800-255-3924**

**Outside the United States call collect 01-813-248-0585**

**Section 2. Hazard(s) Identification**

**Emergency overview:** Alkaline red liquid, prolonged contact may cause skin and eye irritation. Ingestion may cause gastric distress.



**Potential Acute Health Effects:**

Eyes: Causes eye irritation and pain.

Skin: Expected to cause irritation to the skin and dermatitis.

Inhalation: Vapors or mists may cause irritation to the upper respiratory tract and mucous membrane.

Ingestion: Harmful if swallowed

The primary routes of entry are eyes, skin and respiratory.

Immediate Health Effects:

Eye Contact: Causes irritation.

Skin: Contact with the skin is expected to cause irritation.

Ingestion: May cause headache, dizziness, nausea and vomiting.

Inhalation: The vapor or mists from this product may cause respiratory irritation.

Delayed or other Health Effects: None determined.

Target Organs: None determined.

**Section 3. Composition/Information on Ingredients**

<b>Ingredients</b>				
<b>Component</b>	<b>CAS #</b>	<b>EINECS #</b>	<b>Percent</b>	<b>REACH Reg. #</b>
Prop. A (Fungicide)	Prop.	Prop.	< 1.0	Yes
Prop. B (Fungicide)	Prop.	Prop.	< 1.0	No
Aqua ammonia	1336-21-6	215-647-6	< 1.0	No
Dipropyl glycol n-butylether	29911-28-2	249-951-5	< 1.0	Yes
Prop. Colorant Blend	Prop.	Prop.	< 2.0	No
Acrylic Polymers	9063-87-0	NE	< 10.0	No
Water	7732-18-5	231-791-2	Balance	No

**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. If irritation persists, contact a physician.  
 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: Not combustible  
 Flammability Limits: NE  
 Fire Fighting Media: Dry chemical, carbon dioxide, and water spray.  
 Special Fire Fighting Procedures: Material may splatter above 100 °C/212 °F. Dried product can burn. 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**

Use personal protective equipment, see section 8.  
 Clean-up Procedures: Material may create slippery conditions. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use shovel to pick up absorbent for disposal.  
 Spills and Leaks: Dispose in accordance to local, state or federal regulations.

**Section 7. Handling and Storage**

Handling: Do not get into eyes, on skin and on clothing. Do not breathe vapors or mists. Wash thoroughly after handling.  
 Storage: Store in original labeled container. Keep in cool and dry areas. Keep above 1 °C/34 °F and below 49 °C/120°F.

**Section 8. Exposure Controls/Personal Protection**

Introductory Remarks: Consider the potential hazards of this product outlined in section 2. 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: Neoprene 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**

<b>Odor/Color</b>	Slight ammonia odor & milky red liquid	<b>Vapor Pressure</b>	> 17 torr @ 68 °F (20 °C)
<b>pH</b>	8.5-9.5	<b>Density(water=1)</b>	> 1.06 @ 68°F (20 °C)
<b>VOC</b>	< 50 g/L	<b>Solubility</b>	Dilutable in water
<b>Evaporation rate(water=1)</b>	< 1.0	<b>Boiling Point</b>	212 °F (100 °C)

## Section 10. Stability and Reactivity

**Chemical Stability:** Considered stable under normal ambient temperatures.  
**Hazardous Decomposition:** If complete combustion, oxides of carbon and silicate are formed.  
**Hazardous Polymerization:** Will not occur  
**Incompatibility~ Materials to Avoid:** No known materials that are in compatible.

## Section 11. Toxicological Information

Acute oral LD<sub>50(rat)</sub>: > 5000 mg/kg    Acute dermal LD<sub>50(rabbit)</sub>: > 5000 mg/kg  
 The product is not toxic.  
 Acute Eye Irritation: Irritating.  
 Acute Skin Irritation: 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

## Section 12. Ecological Information

**Ecotoxicity:** The toxicity of this product has not been determined.  
**Environmental Fate:** This product's environmental fate has not been determined.

## 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. If disposal is required coagulate the emulsion by addition of iron (III) chloride and lime. Remove clear supernatant and flush to sewer system.  
**Container Handling and Disposal:** All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

## Section 14. Transport Information

**Ground Classification:** Not regulated by US DOT  
**Shipping Name:** FortiCel™  
**IATA or IMO:** Not regulated

## 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
	Reactivity:	No

Right to know classification: Proprietary compounds A & B are not listed in the United States.  
 TSCA: None of the ingredients are listed.  
 Reportable Quantity (RQ): None  
 Prop. 65: None  
 WHMIS: Xi (Irritant to the eyes and skin)  
 Proprietary compounds A & B are not listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

<b>Abbreviations:</b>			
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		

# Material Safety Data Sheet

FortiCel™ New Construction □

(Israel)	2001 proposed list of chemical substances to be regulated under Israel Hazardous Substances Law and Regulations List		
LD <sub>50</sub>	Lethal dose oral or dermal	LC <sub>50</sub>	Lethal dose inhalation
MAC	Netherlands	MAK	Germany
MITI	Ministry of International trade and Industry	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	SWISS	Giftliste 1
SWISS	Inventory of Notified New Substances	TLV	Threshold Limit Value
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		

## Section 16. Other Information

### Hazardous Material Information (HMIS)

### National Fire Protection Association (NFPA)

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	C		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

**Precautionary statements:** P102, keep out of reach of children, P103, Read label before use; P234, Keep only in original container; P261, Avoid breathing vapor or mist; P264, Wash thoroughly after handling; P271, Use only outdoors or in a well-ventilated area; P281, Use personal protective equipment as required;

**Hazard Statements:** H303, May be harmful if swallowed; H313, May be harmful in contact with skin; H320, causes eye irritation; H333, Maybe harmful if inhaled;

**Risk phrases:** R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.

**Safety phrases:** S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

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