

International Chemical Systems, Inc.
**ENVIRONMENTAL CHEMICAL
SOLUTIONS**

"Delivering Solutions to the Customer"

**MATERIAL SAFETY DATA SHEET
FIRE SUPPRESSION AGENT**

FF

GOLD CREW FF

Emergency: 1-877-253-2665

SECTION I - GENERAL INFORMATION

Name: **Gold Crew FF, A Fire Suppression Agent**
Manufacturer: Environmental Chemical Solutions
P.O. Box 2029
Gig Harbor, WA 98335
Tel: (253) 853-1330, Fax: 253-853-1340
www.ecschem.com
Generic Description: Water Based, Biodegradable, Wetting Agents & Surfactants
HMIS Code: Health 0, Fire 0, Reactivity 0
HMIS Key: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant
D.O.T. Class: Not regulated; not hazardous
Formula: Proprietary

SECTION II - HAZARDOUS INGREDIENTS

This product does not contain any hazardous ingredients as defined by CERCLA and California's Prop. 65

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	>200F	Melting Point:	25F
Specific Gravity:	1.035 ±.01	Vapor Pressure _{mmHg} :	NA
Pounds Per Gallon	8.63	Vapor Density Air = 1	NA
Solubility in Water	Complete	Reactivity with Water:	No
pH:	9.75 ±.5	Surface Tension – 5%:	27.7 Dyne/cm at 25°C
Evaporation Rate:	>1 as compared to Water		
Appearance:	Clear Liquid Unless Dyed		
Odor:	No Fragrance – Unopened		

SECTION IV - Fire and Explosion Data

Special Fire Fighting Procedures	NA	Percent Volatile by Volume	NA
Unusual Fire and Explosion Hazards	None	Flammable Limit	NA
Solvent for Clean-Up	Water	Auto Ignite Temperature	NA
Flash Point	NA	Fire Extinguisher Media	NA

SECTION V - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Use good normal hygiene.

Precautions to be taken in case of Spill or Leak -

Small spills. Soak up with absorbent materials.

Large spills: dike and contain. Remove with vacuum truck or pump to storage/salvage vessel. Soak up residue with absorbent materials.

Waste Disposal Procedures: Dispose in an approved disposal area or in a manner that complies with all local, state, and federal regulations.

SECTION VI - HEALTH HAZARDS

Threshold Limit Values: NA

Signs and Symptoms of Over Exposure-

Acute: Moderate eye irritation. Skin: Causes redness, edema, drying of skin.

Chronic: Pre-existing skin and eye disorders may be aggravated by contact with this product.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogen: No

Emergency First Aid Procedures -

Eyes: Flush thoroughly with water for 15 minutes. Get medical attention.

Skin: Remove contaminated clothing. Wash exposed areas with soap and water. Wash clothing before reuse. Get attention if irritation develops.

Ingestion: Get medical attention.

Inhalation: None considered necessary.

SECTION VII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not necessary	Ventilation Required:	Normal
Local Exhaust Required:	No	Protective Clothing:	Gloves, safety glasses, wash clothing before reuse.

SECTION VIII - PHYSICAL HAZARDS

Stability:	Stable	Incompatible Substances:	None known
Polymerization:	No	Hazardous Decomposition Products:	NA

SECTION IX - TRANSPORT & STORAGE

DOT Class	: Not Regulated/Non Hazardous	Freeze Temperature	: 28°F
Storage	: 35°F-120°F	Freeze Harm	: None
Shelf Life	: Approximately one year unopened		

SECTION X - REGULATORY INFORMATION

The Information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application, which is not described on the Product label or in this Material Safety Data Sheet is the sole responsibility of the user. This Material Safety Data Sheet was prepared to comply with the OSHA Hazardous Communication Regulation.

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