

MATERIAL SAFETY DATA SHEET

Quick Identifier (In Plant Common Name): RGS FIRESTOP FIRE SUPPRESSANT

MANUFACTURER INFORMATION

MANUFACTURED FOR: RGS LAB'S INTERNATIONAL INC.
ADDRESS: 7966 JACK JAMES DR, STUART, FL 34997
EMERGENCY TELEPHONE NUMBER: Chemtrec 1-800- 424-9300
GENERAL INFORMATION TELEPHONE NUMBER: 772-221-1999
DATE PREPARED: May 18, 2010

SECTION 1 - IDENTITY

COMMON NAME (used on label)(Trade Name & Synonyms):RGS Firestop Fire Suppressant
CAS. NUMBER: See Section 2
CHEMICAL FAMILY: Water & Emulsifier
FORMULA: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME(S)	CAS. #	Principal Hazardous Component(s)			LEL	UEL	FLASH POINT DEG. F	% By Wt.
		OSHA PEL	AGCIH TLV	VAPOR PRESSURE @ 25 DEG. C.				
1,1,1,2-Tetrafluoro- ethane*	811-97-2	N/A*	N/A*	96 psia	Nonflammable	None	10 - 20	

*Limit established by The E.I. DuPont Company is 1000ppm
N/A is not available or not applicable

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

BOILING POINT (Deg. F): Concentrate: 212
SPECIFIC GRAVITY (Water = 1): Concentrate: 1.0
Propellant: 1.25
VAPOR PRESSURE (mmHg): See Section 2
VAPOR DENSITY (Air = 1): >1
EVAPORATION RATE (BA = 1): >1

SOLUBILITY IN WATER: Negligible

REACTIVITY IN WATER: None

APPEARANCE AND ODOR: CONCENTRATE: Clear liquid. PROPELLANT: Colorless, odorless gas; FINISHED PACKAGE: Pressurized containers.

FLASH POINT: Non Flammable

FLAMMABLE LIMITS IN AIR - % BY VOLUME: See Section 2

EXTINGUISHER MEDIA: N/A

AUTO-IGNITION TEMPERATURE: Unknown

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure, respiratory equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Self-pressurized aerosol containers. Keep temperature of containers below 120 deg. F. to prevent bursting. Hazardous decomposition products.

SECTION 4 - PHYSICAL HAZARDS

STABILITY: Stable

CONDITIONS TO AVOID: Avoid any excessive heat, ignition sources, open flames, or other high temperatures which induce thermal decomposition.

INCOMPATIBILITY (Materials to Avoid): Strong Oxidizers, Strong Bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, and Carbon Monoxide. See SECTION 5 - HEALTH HAZARDS: Signs and Symptoms of Exposure.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not Applicable

SECTION 5 - HEALTH HAZARDS

THRESHOLD LIMIT VALUE: See Section 2

-3-

SIGNS AND SYMPTOMS OF EXPOSURE: **EYE CONTACT:** Contact with liquid or mist may cause irritation. Vapors may irritate eyes; **SKIN CONTACT:** Prolonged contact may cause irritation, defatting of skin; **INHALATION:** Overexposure to vapor may cause dizziness, loss of concentration and irritation. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL; **INGESTION:** Not expected to be a hazard in normal use.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:
NATIONAL TOXICOLOGY PROGRAM: No

I.A.R.C. MONOGRAPHS: No

OSHA: No

OSHA PERMISSIBLE EXPOSURE LIMIT: See Section 2

ACGIH THRESHOLD LIMIT VALUE: See Section 2

OTHER EXPOSURE LIMIT USED: None

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If affected, get medical assistance. **EYES:** Flush with water for at least 15 minutes. Get medical assistance if irritation persists. **SKIN:** Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.

INGESTION: Do not induce vomiting. Call a physician immediately.

NOTE TO PHYSICIANS: BECAUSE OF POSSIBLE DISTURBANCES OF CARDIAC RHYTHM, CATECHOLAMINE DRUGS, SUCH AS EPINEPHRINE, SHOULD ONLY BE USED WITH SPECIAL CAUTION IN SITUATIONS OF EMERGENCY LIFE SUPPORT.

SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

VENTILATION:

LOCAL EXHAUST: To keep below TLV

MECHANICAL (General): To keep below TLV

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: Solvent resistant gloves - impervious gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None reasonably foreseeable.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 110 deg. F. Avoid breathing vapors. Avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS: Contents under pressure. Do not puncture or incinerate. Vapors are heavier than air and will collect in low areas.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: **SMALL**

SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment. **LARGE SPILLS:** Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

SECTION 8 – NFPA HAZARD RATINGS

Health = 1 Flammability = 0 Reactivity = 0

Section 9 - Other Information

TRANSPORTATION INFORMATION – DOMESTIC GROUND

Shipping Name:	Consumer Commodity
Hazard Class:	ORM-D
UN Number:	N/A
Packing Group:	N/A
Hazard Label:	None
Carton Marking:	Consumer Commodity, ORM-D

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