

Material Safety Data Sheet

Sur Gard 580RP

MSDS No.

Date of Preparation:

Revision: 01-28-07

SECTION 1—CHEMICAL PRODUCT AND COMPANY INFORMATION

Product/Chemical Name: Sur Gard 580RP
 Chemical Formula: Proprietary
 CAS Number:
 Other Designations:
 General Use:
 Manufacturer: ICS Corporation of America, 4675 Talon Court, Kentwood, MI 49512
 Phone: (616) 554-9300; Fax: (616) 554-2111; Emergency # (616) 774-1088

SECTION 2—COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt or % vol
Sodium Nitrite		<40

Toxicity Data:

Ingredient	OSHA	PEL	OSHA	PEL	OSHA	PEL	NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Sodium Nitrite	2 mg/ m3	2 mg/m3	2 mg/m3	2 mg/m3	2 mg/m3	2 mg/m3	2 mg/m3

Physical State: Liquid

Water Solubility: Complete

SECTION 3—PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Yellow colored liquid of low odor Organic odor: Odor Threshold: Vapor Pressure: NA Vapor Density (Air=1): NA Formula Weight: Density: Specific Gravity (H ₂ O=1, at 4°C): 1.283 pH: 11.4 Flash Point: NA Flash Point Method:	Other Solubilities: Boiling Point: 220 degrees F Freezing/Melting Point: Viscosity: Refractive Index: Surface Tension: % Volatile: 60-70% Evaporation Rate: As water
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SECTION 4—FIRE FIGHTING MEASURES

Burning Rate:
 Auto ignition Temperature:

Sur Gard 580RP

LEL: NA

UEL: NA

Flammability Classification:

Extinguishing Media: Water fog for surrounding fire

Unusual Fire or Explosion Hazards: Superheated drums may burst

Fire Fighting Instructions: Fire fighters should be equipped with self contained breathing apparatus and turnout gear.

SECTION 5—STABILITY AND REACTIVITY

Stability: Sur Gard 580RP is stable at room temperature in closed containers under normal storage and handling.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Strong acids, aluminum, zinc, galvanized metal, organic amines

Conditions to Avoid: Organic amines may form nitosamines

Hazardous Decomposition Products: Oxides of carbon and nitrogen and alkaline vapors.

SECTION 6—HEALTH HAZARD INFORMATION

Inhalation:

Eye: Product is highly alkaline and will cause a burning sensation of eyes.

Skin: Persons with sensitive skin may develop rash with long contact time. May defat skin. Wash contact area several minutes and apply moisturizing crème.

Ingestion:

Carcinogenicity: Avoid contact with organic amines.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove to fresh air if respiratory irritation occurs. Consult a physician.

Eye Contact: Irrigate with flowing water or shower. Seek medical attention.

Skin Contact: Wash off with flowing water or shower. Apply moisturizing lotion on affected area.

Ingestion: Induce vomiting. Give large quantities of water plus several glasses of milk if available. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

Note to Physicians:

Spill/Leak Procedures: Small Spills—mop up and flush to sewer Large Spills—Dike area and pump to holding

SECTION 7—SPILL, LEAK, AND DISPOSAL PROCEDURES

vessel.

Disposal: Neutralize pH to local ordinance standard in waste treatment system. Is biodegradable.

Ventilation: Required if power sprayed in confined area with accumulation of mist occurring. For worker protec-

SECTION 8—EXPOSURE CONTROLS/ PERSONAL PROTECTION

tion good ventilation should be provided.

Respiratory Protection: Not needed unless vaporized in confined area—not required for normal use.

Protective Clothing/Equipment: Rubber or other impervious material protective gloves. Side shielded safety glasses or face shield. Rubber apron, boots and safety shower.

Comments: Replace drum closure after each use. Do not add foreign materials to unrinsed drums. Wash contaminated clothing before reuse. Always seek medical attention if experiencing adverse affects in using this product.

Wash contact area or shower after extended exposure. Wash contaminated clothing before reuse.

Handling and Storage Precautions: Replace drum closure after each use. Keep from freezing.