



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** SPECTRUM 930 PATINA ACID STAIN **Part Number:** 3300-933  
**Manufacturer:** W. R. Meadows® of Western Canada **Address:** 21 Streambank Avenue  
 Sherwood Park, AB T8H 1N1  
**Telephone:** (780) 400-1772 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 7/18/2018  
**Product Use:** Concrete Stain

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
Health   3	<b>DANGER!</b>
Flammability   0	Corrosive liquid and vapor.
Reactivity   0	Harmful if Inhaled.
Personal Protection   1	Direct contact may result in chemical burns/tissue damage. May be fatal if ingested and enters airways.

**PRECAUTIONARY STATEMENTS**  
 Keep containers closed when not in use.  
 Avoid breathing vapors and direct contact.  
 Store in well-ventilated location.  
 Wear appropriate Personal Protective Equipment.



## SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Hydrochloric Acid	7647-01-0	1-10	No	N/A	N/A
2. Ferrous Chloride	7447-39-4	20-15	No	N/A	N/A
3. Chromic Chloride	10025-73-7	1-10	No	N/A	N/A

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." *N/A: Not Applicable*

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush eyes with water for fifteen (15 minutes). Seek immediate medical attention.  
**SKIN CONTACT:** Wash affected areas with water for fifteen (15) minutes. Seek immediate medical attention.  
**INHALATION:** If respiratory symptoms develop, move victim from exposure source and into fresh air. Seek immediate medical attention.  
**INGESTION:** Dilute with liquid unless the victim is unconscious or very drowsy. Seek immediate medical attention.  
**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** This product will not flash due to high water content.  
**EXTINGUISHING MEDIA:** Water fog.  
**CHEMICAL/COMBUSTION HAZARDS:** Acid gases and incomplete combustion products.  
**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid vapor inhalation. Personal protective equipment should include helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Evacuate all non-essential personnel from immediate area. Neutralize residues with a mild alkaline material until pH is neutral. Place spilled material in marked/sealed containers for disposal. Allow containers to vent as required.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact. Handle as a corrosive material.  
**SAFE STORAGE:** Keep containers closed when not in use.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Hydrochloric Acid	5 PPM	N/E	N/E	Yes	5 PPM	N/E	N/E	No
2. Ferrous Chloride	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3. Chromic Chloride	0.5 mg/m <sup>3</sup> *	N/E	N/E	Yes	0.5 mg/m <sup>3</sup> *	N/E	N/E	N/E

\*: As Chromium *N/E: Not Established*

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## SECTION 8 continued

**ENGINEERING CONTROLS:** Use with adequate ventilation.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> N/E	<b>VAPOR DENSITY:</b> >1 (Air=1)	<b>% VOLATILE BY VOLUME:</b> N/D
<b>EVAPORATION RATE:</b> <1 (Ether=1)	<b>pH LEVEL:</b> N/A	<b>% VOLATILE BY WEIGHT:</b> N/D
<b>WEIGHT PER GALLON:</b> 9.41	<b>PRODUCT APPEARANCE:</b> Brown Liquid	<b>VOC CONTENT:</b> 0 g/L
<b>ODOR:</b> Sharp Acidic	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> N/D	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D		<i>N/D: Not Determined</i>

## SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS AND MATERIALS TO AVOID:** Excessive heat, alkaline materials, and alkali metals.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Acid gases, incomplete combustion products.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Corrosive to the eyes. Will cause severe tissue damage, corneal injury, and possible blindness.

**SKIN CONTACT:** Corrosive to the skin. Will cause severe tissue damage with skin ulcerations/burns.

**INHALATION:** Corrosive to the respiratory tract resulting in chemical burns and possible pulmonary edema.

**INGESTION:** Corrosive to the digestive tract. Will cause chemical burns.

**SIGNS AND SYMPTOMS:** Symptoms include reddening, irritation, swelling, and burns to the affected tissues. Tissue destruction may occur.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing medical conditions may be aggravated by exposure to this product.

**OTHER HEALTH EFFECTS:** Poison by skin contact, inhalation, and intraperitoneal routes. Chromic Chloride is classified by the IARC as a Group 3 item.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** N/E

**DEGRADABILITY:** N/E

**BIOACCUMULATIVE POTENTIAL:** N/E

**SOIL MOBILITY:** N/E

**OTHER ADVERSE EFFECTS:** None recognized.

## SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Product is considered a hazardous waste for disposal purposes (D002).

## SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Hazardous.

**UN NUMBER:** 3264

**HAZARD CLASS:** 8

**PACKING GROUP:** II

**UN PROPER SHIPPING NAME:** Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric Acid, Ferrous Chloride)

**ENVIRONMENTAL HAZARDS:** Toxic to aquatic organisms.

**BULK TRANSPORTATION INFORMATION:** Not applicable. Product not shipped in bulk configuration.

**SPECIAL PRECAUTIONS:** Keep containers closed.

## SECTION 15: REGULATORY INFORMATION

**OTHER REGULATORY CONSIDERATIONS:** None recognized.

## SECTION 16: OTHER INFORMATION

**PREPARATION DATE:** 7/18/2018

**PREPARED BY:** Dave Carey

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