

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 ANSI Standard Z400.1-1993

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Company Name, Address: **Franklin Cleaning Technology - P.O. Box 214 - Great Bend, KS 67530**

Product Name: Scaleaway

Product Number: F2290

Chemical Family: Aqueous solution containing organic acid.

Package Size: 32 fl. oz.

EPA Reg. No: none

Emergency Telephone No. (620) 792-1711

International:

Preparer: R McPherson

Date: 11/09/12

Signature:

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview:

CORROSIVE: Causes eye and skin burns. Avoid breathing vapors.

Route(s) of entry:	Inhalation	<input checked="" type="checkbox"/>	Skin:	<input checked="" type="checkbox"/>	Eye:	<input checked="" type="checkbox"/>	Ingestion:	<input checked="" type="checkbox"/>		
No Health Hazard	<input type="checkbox"/>	Irritant	<input type="checkbox"/>	Toxic	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>	
Carcinogen	<input type="checkbox"/>	Corrosive	<input checked="" type="checkbox"/>	Highly Toxic	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>			
TARGET ORGANS	Lungs	<input type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
	Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
	Kidney	<input type="checkbox"/>	Prostate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input checked="" type="checkbox"/>

Potential Health Effects:

Corrosive. Causes eye and skin burns. Harmful if swallowed. Causes respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure:

None known

Carcinogenicity: None Known ☒ NTP: ☐ IARC: ☐ OSHA Regulated ☐

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Hydroxyacetic Acid	79-14-1	NE	NE	>10
Alcohol ethoxylate	34398-01-1	NE	NE	<2
*Water	7732-18-5	n/a	n/a	

SECTION 4 - FIRST AID MEASURES

Emergency and First Aid Procedures:

In case of contact with eyes or skin, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. If swallowed, get medical attention. If inhaled, remove victim to fresh air.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (Method): None to boiling

Flammable Limits: LEL: n/a

UEL: n/a

Autoignition Temperature:

NFPA Hazard Classification: FIRE: 0

Health: 3

Reactivity: 0

Extinguishing Media: n/a

Special Fire none

Fighting Procedures:

Unusual Fire and none

Explosion Hazards:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Small amount: Mop up, rinse with water. Large amount: Mop up, absorb with inert, dike or turn container over as applicable.

SECTION 7 - HANDLING AND STORAGE

Protect from freezing. Store at 40 - 90 F. Read and follow label use directions. Keep out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local Exhaust: Special: Optional
Mechanical: Required

Respiratory Protection:

Persons working in an unventilated environment should use a respirator with caustic mist cartridge

Protective Gloves: Recommended Eye Protection: Required

Other Protective Clothing and Equipment:

Protective apron optional.

SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	<input checked="" type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Liquid/Solid	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Combustible	<input type="checkbox"/>	Flammable Aerosol	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Compressed Gas	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Unstable - Reactive:	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>

Boiling Point, °F: 212 F Solubility in Water: soluble Evaporation Rate: like water
Vapor Pressure: unknown Specific Gravity (water =1): 1.04 pH: 2
Vapor Density: >1 %Volatiles by Weight: 90
Appearance and Odor: Viscous blue liquid with fresh green floral fragrance.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Unstable ☐ Conditions to Avoid: None
Stable ☒

Incompatibility: Bleach. Mix only with water.
(Materials to Avoid)

Hazardous Decomposition: none
Products or Byproducts:

Hazardous Polymerization: May Occur: ☐ Will Not Occur: ☒
Conditions to Avoid: n/a

SECTION 11 - TOXICOLOGICAL INFORMATION

NE

SECTION 12 - ECOLOGICAL INFORMATION

NE

SECTION 13 - DISPOSAL CONSIDERATIONS

Single unit: Discard in trash. Large amount: Dispose in accordance with Local, State and Federal regulations.

Potential EPA Hazardous Waste Code(s): D002

SECTION 14 - TRANSPORT INFORMATION

DOT Proper Shipping Name and Number:
Consumer Commodity, Limited Quantity

SECTION 15 - REGULATORY INFORMATION

Volatile Organic Compounds (VOC's) = 0% (calculated)

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker & Community Right to Know Act of 1983.

SECTION 16 - OTHER INFORMATION

None

NE = Not Established N/A = Not Applicable