



User-Prepared Solution Safety Summary Sheet

Revision Date: 21-Sep-2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **STEP DOWN USER-PREPARED SOLUTION (1:3)**
Diluted at 1:3 (or greater) in water

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

Medical Emergency/Information: 888-314-6171

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 1
Serious Eye Damage/Eye Irritation: Category 1

GHS Label Elements

Signal Word:

Danger

Symbols:



Hazard Statements:

Causes severe skin burns and serious eye damage.

Precautionary Statements:

Prevention:

Do not breathe mist, vapors or spray.

Wash hands and any exposed skin thoroughly after handling.

Wear protective gloves. Wear eye / face protection. Wear protective clothing.

IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Response:

-Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

-Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

-Inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

-Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-Specific Treatment:

See Safety Summary Sheet Section 4: "First Aid Measures" for additional information.

Storage:

Store locked up.

Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

Other Information:

Harmful if swallowed. Harmful contact may not cause immediate pain. Harmful if absorbed through skin. Inhalation of vapors or mist may cause respiratory irritation. Keep out of reach of children. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	90-100
benzyl alcohol	100-51-6	1-5
monoethanolamine	141-43-5	1-5
sodium xylene sulfonate	1300-72-7	0.1-1.0
dicarboxylic fatty acid	53980-88-4	0.1-1.0
sodium hydroxide	1310-73-2	0.1-1.0
alcohol ethoxylate	68439-46-3	0.1-1.0

4. FIRST AID MEASURES

-Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Skin Contact:	Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash contaminated clothing before reuse.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.
Note to Physicians:	NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye/Face Protection:	Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.
Skin and Body Protection:	Wear rubber or other chemical-resistant gloves and solvent / alkali resistant boots. The use of other protective equipment should be considered in order to prevent or minimize contact with this product.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

6. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Colorless
Odor:	Mild
pH:	13.5-14.0
Flash Point:	> 100 °C / > 212 °F ASTM D56
Specific Gravity:	1.052

7. OTHER INFORMATION

NFPA	Health Hazards: 3	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 3*	Flammability: 0	Physical Hazards: 0	

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Reasons for Revision:	No information available.