

Simonize 969 Cleaner SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: Simonize 969 Cleaner

Recommended use: Floor Cleaning

Manufacturer Name: Dur-A-Flex, Inc.
95 Goodwin Street
East Hartford, CT 06108

Telephone number: 860-528-9838

Emergency phone number: 1-800- 424-9300 (CHEMTREC)

Date of Preparation: November 6, 2014

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Corrosive to Metals Category 1	Skin Corrosion Category 1C Eye Damage Category 1

Labeling:

Danger!



Hazard statement(s)

May be corrosive to metals.
Causes severe skin burns and eye damage.

Precautionary statement(s)

Keep only in original container.
Do not breathe mists, vapors or spray.
Wash thoroughly after handling.
Wear protective gloves, protective clothing, eye protection and face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water.
Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

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

Immediately call a POISON CENTER or doctor.

Absorb spillage to prevent material damage.

Store locked up.

Store in corrosive resistant container with a corrosive resistant inner liner.

Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Water	7732-18-5	Proprietary
Sodium Hydroxide	1310-73-2	Proprietary
Sodium Gluconate	527-07-4	Proprietary
Cocoamphodipropionate	68604-71-7	Proprietary
Polyoxyethylene Decyl Phosphate	68458-48-0	Proprietary

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get immediate medical attention.

Skin contact: Immediately remove contaminated clothing. Wash skin thoroughly with soap and water for 15 minutes. Get immediate medical attention. Launder clothing before re-use.

Eye contact: Immediately flush with large quantities of water for 30 minutes, holding the eyelids apart. Get immediate medical attention.

Ingestion: If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting. Get immediate medical attention.

Most important symptoms/effects, acute and delayed: May cause severe eye and skin irritation with possible burns. Inhalation of mists may cause irritation of mucous membranes and upper respiratory tract with possible burns and pulmonary edema. Ingestion may cause burns to the mouth, throat and stomach

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention is required for all routes of exposures.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water. Do not get water inside containers.

Specific hazards arising from the chemical: Contact between sodium hydroxide and water may generate large amounts of heat. Decomposition will produce oxides of sodium.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain water used in firefighting from entering sewers or natural waterways. Cool fire exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing as described in Section 8. Prevent contact with the eyes, skin and clothing. Evacuate spill area and keep unprotected personnel away. Ventilate area

Environmental precautions: Prevent release to the environment. Report releases as required by local, state and federal authorities.

Methods and materials for containment and cleaning up: Contain with an inert absorbent. Neutralize small spills and residues with a dilute acetic acid and collect using an inert absorbent material. Place into an appropriate container for disposal. Caution! Spill hazard.

7. HANDLING AND STORAGE

Precautions for safe handling: Prevent contact with eyes and skin. Do not breathe vapors or mists. Wash thoroughly after handling. Do not taste or swallow. Use only with adequate ventilation. Keep containers closed when not in use.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for safe storage, including any incompatibilities: Store in a dry, cool and well-ventilated place. Keep containers tightly closed. Protect from physical damage. Store away from acid and other incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Water	None Established
Sodium Hydroxide	2 mg/m ³ Ceiling ACGIH TLV 2 mg/m ³ TWA OSHA PEL
Sodium Gluconate	None Established
Cocoamphodipropionate	None Established
Polyoxyethylene Decyl Phosphate	None Established

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposures below occupational exposure limits.

Personal Protective Equipment:

Respiratory protection: If the exposures are exceeded, a NIOSH approved respirator with a dust/mist prefilter or supplied air respirator is recommended. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin protection: Impervious gloves such as nitrile or PVC are recommended to prevent skin contact.

Eye protection: Chemical safety goggles and faceshield should be worn where splashing is possible.

Other: Impervious clothing as needed to prevent contact. An eye wash and safety shower should be available in the immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Green transparent liquid

Odor: Mild odor

Odor threshold: Not available	pH: 14.0
Melting Point/Freezing Point: Not available	Boiling Point: 210°F / 98.9°C
Flash point: Not flammable	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not available	Vapor density (air = 1) : >1
Relative density: 1.06	Solubility(is): Completely soluble in water
Partition coefficient: n-Octanol/water: Not applicable	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: Reacts with metals.

Chemical stability: Stable

Possibility of hazardous reactions: Reacts with metals to form flammable hydrogen gas.

Conditions to avoid: Avoid uncontrolled reaction with epoxy resins.

Incompatible materials: Avoid contact with acids and other detergents.

Hazardous decomposition products: Thermal decomposition may produce carbon oxides.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of mists may cause severe irritation of the nose throat and upper respiratory tract. Severe exposures may cause pulmonary edema and death.

Ingestion: Ingestion may cause corrosion of the mucous membranes, esophagus and stomach with shock and possible perforation and peritonitis. May be fatal.

Skin contact: Corrosive. Liquid or mists may cause severe irritation and burns with scarring.

Eye contact: Corrosive. Liquid or mists may cause severe irritation or burns with redness, tearing and stinging of the eyes. Permanent damage may occur.

Chronic effects from short- and long-term exposure: No adverse effects are expected from prolonged use,

Reproductive Toxicity: This product is not expected to cause adverse reproductive or developmental effects.

Sensitization: None of the components have been shown to cause sensitization in animals or humans.

Mutagenicity: None of the components have been shown to cause mutagenicity in bacteria or animal studies.

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values:

Sodium hydroxide: No toxicity data available
Sodium Gluconate: Oral rat LD50 6060 mg/kg (structurally similar chemical)
Cocoamphodipropionate: No toxicity data available
Polyoxyethylene Decyl Phosphate: No toxicity data available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Sodium hydroxide: 96 hr LC50 Mosquito fish 125 mg/L; 48 EC50 Ceriodaphnia dubia 40.4 mg/L
Sodium Gluconate: 96 hr LC0 Oryzias latipes >100 mg/L, 48 hr NOEC >1000 mg/L, 72 hr EC50 Selenastrum Capricornutum >1000 mg/L
Cocoamphodipropionate: No data available
Polyoxyethylene Decyl Phosphate: No data available

Persistence and degradability: Inorganic substances such as sodium hydroxide are not subject to biodegradation. Sodium gluconate is readily biodegradable.

Bioaccumulative potential: Not expected to biaccumulate in aquatic animals.

Mobility in soil: None known.

Other adverse effects: Possible harmful effects to aquatic life due to alkalinity of the product.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	UN 1824	Sodium Hydroxide Solution	8	PG III	None
TDG	UN 1824	Sodium Hydroxide Solution	8	PG III	None
IMDG	UN 1824	Sodium Hydroxide Solution	8	PG III	None
IATA	UN 1824	Sodium Hydroxide Solution	8	PG III	None

*This product qualifies for "Limited Quantity" for any package less than 1.3 gallons.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: Corrosive Liquid

15. REGULATORY INFORMATION

CERCLA: This product has an RQ of 1,000 lbs (based on the RQ of Sodium Hydroxide of 1,000 lbs present at 100%). Releases above the RQ must be reported to the National Response Center. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Acute Health

SARA 313 Information: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

California Proposition 65

This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

CANADA:

Canadian WHMIS Classification: Class E (Corrosive)

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

16. OTHER INFORMATION

NFPA Rating: Health = 3 Flammability = 1 Instability = 0

HMIS Rating: Health = 3 Flammability = 1 Physical Hazard = 0

SDS Revision History: Converted to GHS format. All sections revised.

Date of preparation: November 6, 2014

Date of last revision: New SDS

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND USE.