



GRANULATED FLOOR CLEANSER

MSDS No.:8710

MSDS Preparation Date: January 8, 2010

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MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name : **GRANULATED FLOOR CLEANSER**

Product Use : Cleaning agent

Chemical Family : Mixture

Supplier's name and address:

Rosco Laboratories Inc.

52 Harbor View Avenue
 Stamford, CT, United States
 06902

24 Hr. Emergency Tel # : (800) 424-9300

HMIS Rating : * - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

Health: 1 *Flammability:* 0 *Reactivity:* 0

WHMIS Classes:



TOXIC

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Sodium dodecylbenzene sulfonate	25155-30-0	1.0 - 5.0	N/Av	N/Av	N/Av	N/Av
Sodium glucoheptonate dihydrate	13007-85-7	1.0 - 5.0	N/Av	N/Av	N/Av	N/Av
Silicic acid, disodium salt pentahydrate	6834-92-0	15.0 - 40.0	N/Av	N/Av	N/Av	N/Av
Sodium perborate	10486-00-7	1.0 - 5.0	N/Av	N/Av	5 mg/m3	N/Av
Sodium sesquicarbonate	533-96-0	30.0 - 60.0	N/Av	N/Av	N/Av	N/Av
Sodium carbonate anhydrous	497-19-8	10.0 - 30.0	N/Av	N/Av	N/Av	N/Av

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White granules. / Colored granules. Caution! Causes skin and eye irritation. Harmful if inhaled or swallowed

POTENTIAL HEALTH EFFECTS

Target organs : None reported by the manufacturer.

Routes of exposure : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES

Potential acute health effects :

Eyes: Dust may cause irritation and reddening.

Skin: When mixed with water, the product can dry skin and cause alkali burns. May cause allergic reactions.



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Inhalation: Shortness of breath. Wheezing. Sputum production. May cause irritation to upper respiratory system.

Ingestion: Do not ingest. Ingestion may cause severe burns to the mucous membranes of the digestive tract.

Potential chronic health effects

: May cause respiratory irritation. Prolonged exposure may cause dermatitis (rash) and sensitization.

Medical conditions aggravated by overexposure

: Respiratory disorders

Additional health hazards : None reported by the manufacturer.

Potential environmental effects

: None reported by the manufacturer.

SECTION 4 - FIRST AID MEASURES

- Inhalation** : If inhaled, move to fresh air. If irritation persists, seek prompt medical attention.
- Skin contact** : Wash affected areas with soap and water. Remove contaminated clothing. Launder clothing before reuse. If irritation persists, seek prompt medical attention.
- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.
- Ingestion** : Seek immediate medical attention/advice. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately. Do not induce vomiting without medical advice.
- Notes For Physician** : Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability

: Not flammable under normal conditions of handling.

Flammability classification (OSHA 29 CFR 1910.1200)

: Not flammable.

Flash point : N/Ap

Flash point Method : N/Ap

Auto-ignition temperature : N/Av

Lower flammable limit (% by vol.)

: N/Ap

Upper flammable limit (% by vol.)

: N/Ap

Suitable extinguishing media

: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Explosion data: Sensitivity to mechanical impact / static discharge

: Not sensitive to static discharge or mechanical impact under normal conditions of use and handling.

Special fire-fighting procedures/equipment

: Firefighters should wear self-contained breathing apparatus (SCBA).

Hazardous combustion products

: None known or reported by the manufacturer.

Oxidizing properties

: None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear suitable protective clothing (see Section 8). Avoid breathing dust.
- Environmental precautions** : If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.
- Spill response/cleanup** : Avoid and control operations which create dust. Avoid breathing dust. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- Containment** : Pick up and arrange disposal without creating dust.



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SECTION 7 - HANDLING AND STORAGE

- Safe Handling procedures** : Avoid breathing dust. Avoid and control operations which create dust. Avoid contact with skin and eyes.
- Storage requirements** : Store in a cool, dry, well-ventilated area.
- Incompatible materials** : Strong oxidizing agents and acids.
- Special packaging materials** : Liquid-proof glass, plastic or non-corrodible metal containers are recommended.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Ventilation and engineering measures** : Use adequate ventilation in volume and pattern to maintain levels below those listed in Section II.
- Respiratory protection** : Wear NIOSH approved dust masks.
- Skin protection** : Wear impervious gloves, such as neoprene or nitrile rubber.
- Eye / face protection** : Safety glasses with side-shields or chemical splash goggles.
- Other protective equipment** : Emergency showers and eyewash facilities should be nearby.
- General hygiene considerations** : Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|--|
| Physical state : Solid | Appearance : White/colored granules |
| Odor : Not available. | Odor threshold : Not available. |
| pH : Not available. | |
| Boiling point : Not available. | Specific gravity : 1.2 |
| Melting/Freezing point : Not available. | Coefficient of water/oil distribution : Not available. |
| Vapor pressure (mmHg @ 20° C / 68° F) : Not available. | Solubility in water : Soluble |
| Vapor density (Air = 1) : Not available. | Evaporation rate (n-Butyl acetate = 1) : Not available. |
| Volatile organic Compounds (VOC's) (lbs/gal; g/l) : Not available. | Volatiles (% by weight) : Not available. |
| Viscosity : Not available. | |
- Special Remarks On Fire Hazards** : Not flammable under normal conditions of use.

SECTION 10 - REACTIVITY AND STABILITY DATA

- Stability and reactivity** : Stable under recommended storage conditions.
- Hazardous polymerization** : Will not occur.
- Conditions to avoid** : None.
- Materials To Avoid And Incompatibility** : Strong oxidizing agents and acids.
- Hazardous decomposition products** : None reported by the manufacturer.

SECTION 11 - TOXICOLOGICAL INFORMATION



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<u>Ingredients</u>	LC₅₀(4hr) <u>inh. rat</u>	LD₅₀	
		<u>oral</u>	<u>dermal</u>
Sodium dodecylbenzene sulfonate	N/Av	438 mg/kg (rat)	N/Av
Sodium glucoheptonate dihydrate	N/Av	N/Av	N/Av
Silicic acid, disodium salt pentahydrate	N/Av	600 mg/kg	N/Av
Sodium perborate	N/Av	1200 mg/kg	N/Av
Sodium sesquicarbonate	N/Av	N/Av	N/Av
Sodium carbonate anhydrous	1150 mg/m3/4H (rat)	2880 mg/kg (rat)	N/Av

- Toxicological data** : Low order of toxicity for normal industrial handling.
- Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
- Reproductive effects** : Not expected to have other reproductive effects.
- Teratogenicity** : Not expected to be a teratogen.
- Mutagenicity** : Not expected to be mutagenic in humans.
- Reproductive Effects** : Not expected to have other reproductive effects.
- Irritancy** : May cause eye, skin and respiratory tract irritation.
- Sensitization to material** : May cause sensitization by skin contact.
- Synergistic materials** : None known.

SECTION 12 - ECOLOGICAL INFORMATION

- Environmental effects** : None known or reported by the manufacturer. However, it is recommended not to allow the material to enter the environment.
- Important environmental characteristics** : None known or reported by the manufacturer.
- Ecotoxicological** : No data is available on the product itself.

SECTION 13 - DISPOSAL CONSIDERATIONS

- Handling for Disposal** : See Section 7 (Handling and Storage) section for further details.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

SECTION 14 - TRANSPORTATION INFORMATION

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	None	Not regulated.	Not regulated	-None-	
TDG Additional information	None.				
49CFR/DOT	None	Not regulated.	Not regulated	-None-	
49CFR/DOT Additional information	None.				



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ICAO/IATA	None	Not regulated.	Not regulated	-None-	
ICAO/IATA Additional information	None.				
IMDG	None	Not regulated.	Not regulated	-None-	
IMDG Additional information	None.				

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

The following ingredient(s) is (are) not specifically listed on TSCA, but are listed as their anhydrous forms: Sodium perborate tetrahydrate (Sodium perborate, CAS No. 7632-04-4), Sodium glucoheptonate dihydrate (Sodium glucoheptonate, CAS No. 31138-65-5), Sodium sesquicarbonate (Sodium carbonate, CAS No. 497-19-8, Sodium bicarbonate, CAS No.144-55-8). All other ingredients are listed on TSCA.

SARA Section 313: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical Constituents above de minimus concentrations.

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Canadian Regulations:

The following ingredient(s) is (are) not specifically listed on the DSL/NDL, but are listed as their anhydrous form: Sodium perborate tetrahydrate (Sodium perborate, CAS No. 7632-04-4).

Canadian WHMIS Classification: D2B.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.



SECTION 16 - OTHER INFORMATION

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- IARC: International Agency for Research on Cancer
- N/Ap: not applicable
- N/Av: not available
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration

References

- : Information obtained from sources including original supplier's Material Safety Data Sheet, and references including RTECS and CCOHS Cheminfo.

<p>Prepared for: Rosco Laboratories Inc. 52 Harbor View Avenue Stamford, CT, USA, 06902 Phone: (203) 708 8900 http://www.rosco.com/</p>	
<p>Prepared by: ICC The Compliance Center Inc. Canada: 1-888-977-4834 USA: 1-888-442-9628 http://www.thecompliancecenter.com</p>	



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