

ROSCO HEAVY DUTY FLOOR CLEANER - SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation (EU) 2020/878

Version: EU-1.0 | Date of compilation: 19 August 2026 | Supersedes US SDS dated 07 February 2019

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Product Name: HEAVY DUTY FLOOR CLEANER

UFI: [To be assigned - contact supplier for UFI code]

Product code: Rosco Heavy Duty Floor Cleaner

1.2 Relevant identified uses:

Cleaning agent - floor cleaner for industrial / professional use. For professional use only.

Uses advised against: Any other use not specified.

1.3 Details of the supplier:

Rosco Laboratories Inc.

52 Harbor View Avenue, Stamford, CT 06902, USA

EU Importer/Distributor: [To be completed - EU company name, full address, phone]

Email of competent person: sds@rosco.com | EU contact: [eu-sds@company.com]

1.4 Emergency telephone number:

EU Emergency: 112 | National Poison Centre: [Insert local number - e.g. UK 111, DE +49 30 19240, FR +33 1 45 42 59 59]

US CHEMTREC: (800) 424-9300 / Outside US: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture per Regulation (EC) No 1272/2008 [CLP]:

Skin Corr. 1B - H314: Causes severe skin burns and eye damage.

Eye Dam. 1 - H318: Causes serious eye damage.

Acute Tox. 4 - H302: Harmful if swallowed.

Acute Tox. 4 - H332: Harmful if inhaled.

Full mixture classification derived from pH 12.5 (extreme pH rule per CLP) and ingredients.

2.2 Label elements:

Pictograms: GHS05 (Corrosion), GHS07 (Exclamation mark)

Signal Word: DANGER

Hazard Statements:

H314 - Causes severe skin burns and eye damage.

H302+H332 - Harmful if swallowed or if inhaled.

Precautionary Statements:

P260 - Do not breathe mist/vapours/spray.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER/doctor.

P305+P351+P338+P310 - 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/doctor.

P501 - Dispose of contents/container in accordance with local/regional regulations.

2.3 Other hazards:

Does not contain components considered to have endocrine disrupting properties at >0.1%. Does not meet PBT/vPvB criteria per REACH Annex XIII.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures:

Chemical composition - this table will be formatted below

Chemical name	EC No	CAS No	REACH Reg. No	Conc. %w/w	CLP Classification
2-Butoxyethanol	203-905-0	111-76-2	01-2119475108-36-xxx	3.0 - 7.0	Acute Tox.4 H302, H332 Skin Irrit.2 H315 Eye Irrit.2 H319

Sodium metasilicate (Disodium trioxosilicate)	229-912-9	6834-92-0	01-2119449811-37-xx	0 - <5.0	*Met. Corr.1 H290 Skin Corr.1B H314 Eye Dam.1 H318 STOT SE 3 H335
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* Exact % of sodium metasilicate withheld as trade secret in original SDS - range estimated from typical alkaline floor cleaner. Adjust to actual formulation. Full text of H-statements in Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

INHALATION: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. Call a POISON CENTER/doctor if you feel unwell.

SKIN CONTACT: Take off immediately all contaminated clothing. Wash with plenty of water for at least 20 minutes. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

EYE CONTACT: Rinse cautiously with water for at least 20 minutes. Remove contact lenses if easy to do. Continue rinsing. Get immediate medical attention.

INGESTION: Rinse mouth. Do NOT induce vomiting. If person is fully conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects: Causes severe skin burns, serious eye damage / corneal damage, respiratory irritation, headache, nausea, chemical burns to mouth/throat.

4.3 Indication of any immediate medical attention: Treat symptomatically. Chemical burns require immediate medical treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media: Use extinguishing media suitable for surrounding fire - water fog, alcohol-resistant foam, carbon dioxide, dry powder. Unsuitable: high volume water jet.

5.2 Special hazards: Not flammable under normal conditions. Heating may release carbon monoxide, carbon dioxide.

5.3 Advice for firefighters: Wear self-contained breathing apparatus and chemical protective clothing. Cool closed containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear protective equipment as per Section 8. Avoid breathing vapour/mist. Ensure adequate ventilation.

6.2 Environmental precautions: Do not allow to enter drains, sewers, waterways. Dike spill to prevent run-off. Notify authorities if enters watercourse.

6.3 Methods for containment/clean-up: Absorb with inert material (sand, vermiculite). Collect in suitable closed containers for disposal per Section 13.

6.4 Reference to other sections: See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid contact with eyes, skin and clothing. Do not breathe vapours or mists. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not eat, drink or smoke when using.

7.2 Conditions for safe storage: Store in a cool, dry, well-ventilated area, away from acids and strong oxidizers. Keep container tightly closed. Do not freeze. Keep only in original container or corrosion-resistant container (liquid-proof glass, plastic or non-corrodible metal). Storage class: 8B (TRGS 510 Germany - non-combustible corrosive).

7.3 Specific end use(s): Professional floor cleaning. Refer to technical data sheet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

2-Butoxyethanol - EU IOELV: TWA 20 ppm (98 mg/m³), STEL 50 ppm (246 mg/m³) (skin notation). ACGIH TLV: 20 ppm TWA. OSHA PEL: 50 ppm (240 mg/m³). DNEL Worker inhalation long-term: 98 mg/m³, short-term: 246 mg/m³. DNEL dermal: 75 mg/kg bw/day. PNEC Freshwater: 8.8 mg/L.

8.2 Exposure controls:

Engineering: Provide adequate general and local exhaust ventilation. Maintain levels below OELs. Eye wash station and safety shower nearby.

Respiratory: If ventilation inadequate, wear half-mask with A-P2 filter (EN 140/EN 143). NIOSH-approved respirator if needed.

Hands: Chemical-resistant gloves - Nitrile rubber (EN 374) ≥0.4mm, breakthrough >480min, or neoprene. Replace if contaminated.

Eyes/Face: Safety goggles with side shields or chemical splash goggles (EN 166) + face shield if splashing possible.

Skin: Chemical-resistant apron/clothing.

Environmental: Avoid release to environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Appearance: Blue liquid
Odor: Butyl odor
Odor threshold: 2-Butoxyethanol 0.1 ppm (detectable), 0.35 ppm recognizable
pH: 12.5 (concentrate)
Boiling point: 99-100°C
Melting/Freezing point: -4 to 0°C
Specific gravity: 1.040
Vapor density (Air=1): Heavier than air
Solubility in water: Soluble
Vapor pressure: Not available
Partition coefficient n-octanol/water: Not available
Flash point: Not applicable - Not flammable
Auto-ignition: Not available
Viscosity: Not available
VOC: Not available
Evaporation rate (n-butyl acetate=1): Equal to water

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** Reacts with strong acids, strong oxidizing agents.
10.2 Chemical stability: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions: None under normal use.
10.4 Conditions to avoid: Extreme heat, freezing, high energy ignition sources.
10.5 Incompatible materials: Strong oxidizing agents and acids, aluminum and other light metals (may produce hydrogen).
10.6 Hazardous decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes per CLP:

Acute toxicity: Mixture: Harmful if swallowed/inhaled (ATEmix calculated from 2-butoxyethanol). 2-Butoxyethanol LC50 (inh, rat, 4h) 450 ppm, LD50 oral 530 mg/kg, dermal 207 mg/kg. Sodium metasilicate LD50 oral 600 mg/kg, dermal >4640 mg/kg.
Skin corrosion/irritation: Causes severe skin burns (pH 12.5 + sodium metasilicate).
Serious eye damage/irritation: Causes serious eye damage.
Respiratory/Skin sensitization: Not expected to be sensitizer.
Germ cell mutagenicity: Not expected to be mutagenic.
Carcinogenicity: No components listed by ACGIH, IARC, NTP, OSHA. 2-Butoxyethanol IARC Group 3.
Reproductive toxicity: Not expected to have other reproductive effects.
STOT SE: May cause respiratory irritation.
STOT RE: Prolonged overexposure may cause contact dermatitis.
11.2 Information on other hazards - Endocrine disrupting properties: No evidence.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity:** 2-Butoxyethanol LC50 fish 1474 mg/L (96h), EC50 Daphnia 1550 mg/L, ErC50 algae 911 mg/L. Sodium metasilicate LC50 fish 210 mg/L.
12.2 Persistence and degradability: 2-Butoxyethanol readily biodegradable 90.4% in 28d (OECD 301B).
12.3 Bioaccumulative potential: 2-Butoxyethanol log Pow 0.81 - low potential.
12.4 Mobility in soil: Miscible in water, high mobility.
12.5 PBT/vPvB assessment: Not PBT/vPvB.
12.6 Endocrine disrupting properties: None known.
12.7 Other adverse effects: Product is alkaline - may raise pH of water if large spill.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Product: Dispose in accordance with Directive 2008/98/EC and local regulations. Do not discharge into drains. Neutralization may be required before disposal. European Waste Catalogue code: 20 01 29* - detergents containing hazardous substances.
Contaminated packaging: Empty containers retain residue - triple rinse, offer for recycling or reconditioning, or dispose as hazardous waste. EWC 15 01 10*.

SECTION 14: TRANSPORT INFORMATION

Not regulated as dangerous goods under ADR/RID/IMDG/IATA.
UN Number: None
UN Proper Shipping Name: Not regulated
Transport hazard class: Not regulated

Packing group: -
Environmental hazards: No
Special precautions: None. Transport in upright, closed containers.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the substance or mixture:

EU REACH: All ingredients listed or exempt.

Seveso III Directive 2012/18/EU: Not applicable.

Regulation (EC) No 648/2004 on detergents: Contains <5% non-ionic surfactants? [To confirm - if applicable, list biodegradability].

Restrictions under REACH Annex XVII: Entry 3, Entry 55 for 2-butoxyethanol in certain uses.

National regulations: Germany WGK: WGK 1 (slightly hazardous to water) (self-classification based on components).

15.2 Chemical Safety Assessment: No CSA carried out for mixture. Chemical Safety Assessments for ingredients available from suppliers.

SECTION 16: OTHER INFORMATION

Full text of H-statements from Section 3:

H290 - May be corrosive to metals.

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

H332 - Harmful if inhaled.

H335 - May cause respiratory irritation.

Classification method: Calculation method + pH extreme rule per CLP Article 9.

Key literature: Original supplier SDS, RTECS, CCOHS ChemInfo, ECHA registered substances database.

Training advice: Users must be trained on correct handling and PPE.

Disclaimer: This EU SDS is a conversion draft based on the US SDS dated 07 Feb 2019 for informational purposes. It does NOT replace an official SDS issued by Rosco Laboratories Inc. or its EU Responsible Person. The EU importer/distributor must verify composition, classification, UFI, and national poison centre notifications (per CLP Article 45 and Annex VIII). Rosco assumes no liability for this converted version.