



SAFETY DATA SHEET

Unger Rubout Stain Remover UE (US / EN)



Material Safety Data Sheet according to the 2012 OSHA Hazard Communication Standard 29 CFR 1920.1200 App D.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Date issued 30.07.2015

1.1. Product identifier

Product name Unger Rubout Stain Remover UE (US / EN)

Article no. RUB20 / RUB50

1.2. Relevant identified uses of the substance or mixture and uses advised against

Function Hard surface cream cleanser

Product group Cleaning agents

Use of the substance/preparation Glass Cleaner - Non-Aerosol

Uses advised against No specific uses advised against are identified.

The chemical can be used by the
general public Yes

1.3. Details of the supplier of the safety data sheet

Company name Unger Enterprises LLC

Office address 425 Asylum Street

Postcode 06610

City Bridgeport, CT

Country United States of America

Tel +1 800 431 2324

Fax +1 800 367 1988

E-mail compliance@ungerglobal.com

Website <http://www.ungerglobal.com>

1.4. Emergency telephone number

Identification comments For Hazardous Materials [or Dangerous Goods] Incident - Spill, Leak, Fire, Exposure, or Accident - Call CHEMTREC Day or Night.
Within USA and Canada: 1-800-424-9300 CCN726541 or +1 703-527-3887 (collect calls accepted).
Within Mexico, please call + 1 203 366 4884 (collect calls accepted) between 8:30 am – 5:00 pm Eastern Time Zone (EST/EDT).

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to 29 CFR 1920.1200 App D Eye Irrit. 2; H319; Calculation method

2.2. Label elements

Hazard Pictograms



Composition on the label	Sodium dodecylbenzene sulfonate: 5 - 10 % wt/wt, Undecan-1-ol, ethoxylated: 5 - 10 % wt/wt
Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/eye protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Physico-chemical effects	Cf. section 9 for physical-chemical information.
Health effect	Cf. section 11 for toxicological information
Environmental effects	Cf. section 12 for information on ecology.
Symptoms and effects of potential misuse	No information required.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Silicone dioxide (US)	CAS no.: 7631-86-9 Synonyms: Silica, amorphous IUPAC name: Silica, vitreous		10 < 20 % wt/wt
Sodium dodecylbenzene sulfonate (US)	CAS no.: 25155-30-0 Synonyms: Sodium dodecylbenzene sulfonate	Acute tox. 4; H302 Acute tox. 4; H312 Eye Irrit. 2; H319	5 - 10 % wt/wt
Undecan-1-ol, ethoxylated (US)	CAS no.: 34398-01-1 Synonyms: Polyethylene glycol undecyl ether IUPAC name: Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy-	Acute tox. 4; H302 Eye Irrit. 2; H319	5 - 10 % wt/wt
Description of the mixture	Aqueous solution of organic substances. 0% of the mixture consists of ingredients(s) of unknown toxicity.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Get medical attention if any discomfort continues. If medical advice is needed, have product container or label at hand.
Inhalation	Due to nature of the cream product and small packaging, the risk of inhalation is minimal.
Skin contact	Wash skin with soap and water.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.
Ingestion	Immediately rinse mouth and drink plenty of water (200-300 ml). Never give liquid to an unconscious person. DO NOT INDUCE VOMITING! If medical advice is needed, have product container or label at hand.

4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects Burning sensation.

4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes Decontamination, symptomatic treatment. No special antidote known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Product doesn't ignite. Use fire-extinguishing media appropriate for surrounding materials.

Improper extinguishing media Water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards This product is not flammable.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrocarbons. Organic decomposition products. Sulfur dioxide (SO₂). Sulfur trioxide (SO₃).

5.3. Advice for firefighters

Personal protective equipment In case of inadequate ventilation wear respiratory protection. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Avoid aerosol formation. Avoid contact with eyes and skin.

Personal protection measures Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

Hazardous combustion products Cf. section 5

6.1.2. For emergency responders

For emergency responders In case of inadequate ventilation wear respiratory protection. Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Cleaning method Absorb spillage with suitable absorbent material. Sweep-up or pick-up with an industrial vacuum cleaner, store in closed container for disposal.

6.4. Reference to other sections

Other instructions Cf. section 8 for personal protection, and section 13 for waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Observe good chemical hygiene practices. Avoid contact with eyes and prolonged skin contact. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store at moderate temperatures in dry, well ventilated area.

Conditions for safe storage

Requirements for storage rooms and vessels Storage in gateways, passages, stairways, hallways open to public, roofs, attics, cellars and work-rooms is not advisable.

Advice on storage compatability No incompatibilities known.

7.3. Specific end use(s)

Recommendations Cf. section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**DNEL / PNEC**

Recommended monitoring
procedures

NIOSH 0500: Total particulates not otherwise regulated.
OSHA PV2121: Gravimetric determination.

8.2. Exposure controls**Precautionary measures to prevent exposure**

Organizational measures to prevent
exposure

Thoroughly clean hands, forearms, and face after handling of the product,
before eating, drinking and lavatory use, and at the end of the work shift.

Technical measures to prevent
exposure

Use engineering controls to reduce air contamination to permissible exposure
level.

Respiratory protection

Respiratory protection

Under normal conditions of use respiratory protection should not be required.
In case of inadequate ventilation or risk of inhalation of dust, use suitable
respiratory equipment with particle filter (type P2).

Hand protection

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye / face protection

Eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

Skin protection

Skin protection (except hands)

Generally regular work clothing sufficient.

Hygiene / Environmental

Specific hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices
are always advisable, especially when working with chemicals. When using do
not eat, drink or smoke. Wash at the end of each work shift and before
eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state

Liquid. Suspension.

Colour

White.

Odour

Characteristic. Mint.

Comments, pH (as supplied)

No data recorded.

pH (aqueous solution)

Value: 5

Method of testing: 1% aqueous solution

Comments, Boiling point / boiling
range

No data recorded.

Comments, Flash point

No data recorded.

Comments, Evaporation rate

No data recorded.

Flammability (solid, gas)

No data recorded.

Comments, Vapour pressure

No data recorded.

Comments, Vapour density

No data recorded.

Density

Value: 1,099

Solubility in water

Unlimited miscible

Comments, Decomposition
temperature

No data recorded.

Comments, Viscosity

No data recorded.

Explosive properties

Not explosive

Oxidising properties

Not oxidizing

9.2. Other information

Softening point

Comments: No data available

Content Of Voc

Comments: No data available

Physical hazards

Comments, Particle size

No data recorded.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity Stable in normal conditions.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions under regular storage and handlings conditions known.

10.4. Conditions to avoid

Conditions to avoid Protect from moisture.

10.5. Incompatible materials

Materials to avoid Strong acids.

10.6. Hazardous decomposition productsHazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Sulphurous gases (SO_x). Organic decomposition products.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicological Information:**Other toxicological data ATE (Oral) 3133.1 mg/kg bw
ATE (Dermal) 14175.3 mg/kg bw**Toxicological data for substances**

Substance	Sodium dodecylbenzene sulfonate (US)
LD50 oral	Value: 438 mg/kg bodyweight Animal test species: rat
LC50 inhalation	Value: 310 mg/m ³ Animal test species: rat Duration: 4 h
Eye damage or irritation, test results	Toxicity type: Eye damage Exposure time: 24 Hour Species: rabbit Result evaluation: strongly irritating Comments: 250 µg pure substance applied
Eye damage or irritation, test results	Toxicity type: Eye damage Species: rabbit Result evaluation: strongly irritating Comments: 1% aqueous solution applied
Eye damage or irritation, test results	Toxicity type: Skin irritation Exposure time: 24 Hour Species: rabbit Result evaluation: moderately irritating Comments: 20 mg pure substance applied

Potential acute effects

Inhalation	No specific health warnings noted. Dust may irritate respiratory system.
Skin contact	No specific health warnings noted. Dust has an irritating effect on moist skin. Prolonged contact may cause redness and irritation.
Eye contact	No specific health warnings noted. Prolonged contact may cause redness and/or tearing. Causes serious eye irritation.
Ingestion	No specific health warnings noted. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed. Ingestion may

Aspiration hazard

cause irritation of the gastrointestinal tract, vomiting and diarrhea.
Technically not feasible.

Delayed effects / repeated exposure

Sensitisation

No specific health warnings noted.

STOT-single exposure

No data available, probably no subchronic toxicity

STOT-repeated exposure

No data available, probably no chronic toxicity

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity

No specific health warnings noted.

Mutagenicity

No specific health warnings noted.

Teratogenic properties

No specific health warnings noted.

Reproductive toxicity

No specific health warnings noted.

SECTION 12: Ecological information**12.1. Toxicity****Toxicological data for substances**

Substance

Sodium dodecylbenzene sulfonate (US)

Acute aquatic, fish

Value: 1,18 ppm

Method of testing: unknown

Species: *Lepomis macrochirus*

Duration: 96 hours

Test reference: freshwater

Acute aquatic, algae

Value: 112,4 mg/l

Method of testing: unknown

Species: *Pseudokirchnerella subcapitata*

Duration: 72 hours

Acute aquatic, Daphnia

Value: 5,88 ppm

Method of testing: unknown

Species: *Daphnia magna*

Duration: 48 hours

Test reference: freshwater

Distribution coefficient

Value: 1,96

Method of testing: unknown

Comments: Log Kow

Substance

Undecan-1-ol, ethoxylated (US)

Acute aquatic, fish

Value: 7100 µg/l

Method of testing: unknown

Species: *Pimephales promelas*

Duration: 96 hours

Test reference: freshwater

Acute aquatic, Daphnia

Value: 6700 µg/l

Method of testing: unknown

Species: *Daphnia magna*

Duration: 48

Test reference: freshwater

12.2. Persistence and degradability

Persistence and degradability

All organic components are considered biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

No data on possible environmental effects have been found.

12.5. Results of PBT and vPvB assessment

PBT assessment results

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Comments, Ozone depletion potential	Ozone depletion potential not known
Comments, Photochemical ozone creation	Ozone formation potential not known
Comments Global warming potential	Global greenhouse effect not known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of waste and residues in accordance with local authority requirements. No specific disposal method required.
Relevant waste regulation	Federal waste regulation: 40 CFR 261
Product classified as hazardous waste	No
Packaging classified as hazardous waste	No

SECTION 14: Transport information

14.1. UN number

Comments	No recommendation given.
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14.2. UN proper shipping name

Comments	No recommendation given.
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14.3. Transport hazard class(es)

Comments	No recommendation given.
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14.4. Packing group

Comments	No recommendation given.
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14.5. Environmental hazards

Comments	No recommendation given.
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14.6. Special precautions for user

Special safety precautions for user	No recommendation given.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name	No recommendation given.
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Additional information.

Additional information.	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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ADR / RID - Other information

ADR Other information	No recommendation given.
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ADN - Other information

Other information	No recommendation given.
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IMDG / ICAO / IATA Other information

IMDG Other information	No recommendation given.
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

References (laws/regulations)	29 CFR 1910.1200, Subpart Z (Toxic and Hazardous Substances), App. A (Health Hazards), App B (Physical Criteria), App C (Allocation of Label Elements), App D (Minimum Information for a SDS), App E (Trade Secret), App F (Carcinogenicity).
	International Inventories

USA: All compounds are listed on the TSCA Inventory
 Canada: All components are listed either on the DSL or NDSL.

US Federal Regulations:

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:

Acute Health Hazard Yes
 Chronic Health Hazard No
 Fire Hazard No
 Sudden release of pressure hazard No
 Reactive Hazard No

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65:

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:

This product does not contain any substances regulated by state right-to-know regulations.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
Chemical Safety Assessment	No data recorded.
Exposure scenarios for mixture	No
Exposure Scenario Comments	No recommendation given.

SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	Eye Irrit. 2; H319; Calculation method
List of relevant H-phrases (Section	H302 Harmful if swallowed.

2 and 3).	H312 Harmful in contact with skin. H319 Causes serious eye irritation.
Training advice	not relevant
Recommended restrictions on use	Not relevant.
User notes	In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material, as far as not expressly stated otherwise.
Version	1
Responsible for safety data sheet	Unger Enterprises LLC