



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	Scrubs-in-a-Bucket (4366-87, 4366-24)
Other means of identification	Not available
Recommended use	Waterless Hand Cleaner Towels
Recommended restrictions	None known.
Manufacturer	Nu-Calgon 2611 Schuetz Road St. Louis, MO 63043 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMTREC)

2. Hazards Identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	Not available.
Hazard statement	Not available.
Precautionary statement	
Prevention	Follow good hygienic and housekeeping practices.
Response	Call a poison center/doctor if you feel unwell.
Storage	Store according to package label instructions.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	This cosmetic product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740.

3. Composition/Information on Ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Limonene		5989-27-5	3 - 7
C12-15 PARETH-11		68131-39-5	1 - 5
DIETHYLHEXYL SODIUM SULFOSUCCINATE		577-11-7	0.5 - 1.5
DIMETHYL ADIPATE		627-93-0	0.5 - 1.5
Phenoxyethanol		122-99-6	0.1 - 1

Composition comments	US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Not applicable to notified cosmetics. Refer to product label for ingredient content.
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4. First Aid Measures

Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	In case of skin irritation, discontinue use of product.
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	Not available.

Indication of immediate medical attention and special treatment needed	Treat patient symptomatically.
General information	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children.

5. Fire Fighting Measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	Firefighters should wear a self-contained breathing apparatus.
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Fire-fighting equipment/instructions	In the event of fire, cool tanks with water spray. Cool containers with flooding quantities of water until well after fire is out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of sulfur. Hydrogen sulfide.
Explosion data	
Sensitivity to mechanical impact	Not available.
Sensitivity to static discharge	Not available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Provide adequate ventilation. Practice good housekeeping. For external use only.
Conditions for safe storage, including any incompatibilities	Store locked up. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Limonene (CAS 5989-27-5)	TWA	165.5 mg/m3 30 ppm

Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH.
Appropriate engineering controls	Ensure adequate ventilation.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Not normally required.

Skin protection	
Hand protection	Not required.
Other	Not normally required.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
Thermal hazards	Not applicable.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Liquid saturated on wipe
Physical state	Solid.
Form	Towelettes.
Color	Opaque white
Odor	Citrus
Odor threshold	Not available.
pH	6
Melting point/freezing point	Not available
Initial boiling point and boiling range	212 °F (100 °C) (Liquid)
Pour point	Not available.
Specific gravity	0.995 (Liquid)
Partition coefficient (n-octanol/water)	Not available.
Flash point	None to boiling (PMCC)
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available
Vapor density	> 1
Relative density	Not available.
Solubility(ies)	Wipe is not soluble
Auto-ignition temperature	Not available
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
VOC (Weight %)	0 %

10. Stability and Reactivity

Reactivity	May react with incompatible materials.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers. Reducing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of sulfur. Hydrogen sulphide.

11. Toxicological Information

Routes of exposure	Eye, Skin contact, Inhalation.
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Information on likely routes of exposure

Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Causes skin irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects**Acute toxicity**

Components	Species	Test Results
C12-15 PARETH-11 (CAS 68131-39-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2500 mg/kg 2000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	1600 mg/kg
DIETHYLHEXYL SODIUM SULFOSUCCINATE (CAS 577-11-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	10000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	2643 mg/kg
	Rat	1900 mg/kg
DIMETHYL ADIPATE (CAS 627-93-0)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 1000 mg/kg
<i>Inhalation</i>		
LC50	Rat	>= 11 mg/l/4h
<i>Oral</i>		
LD50	Rat	1920 mg/kg
IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Oral</i>		
LD50	Rat	1056 mg/kg
Limonene (CAS 5989-27-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	5600 mg/kg
	Rat	4400 mg/kg

Components	Species	Test Results
Phenoxyethanol (CAS 122-99-6)		
Acute		
<i>Dermal</i>		
LD50	Rat	14422 mg/kg 14300 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	16500 mg/kg
	Rat	2563 - 4013 mg/kg, Females 1386 - 2937 mg/kg, Males 1260 mg/kg
Skin corrosion/irritation	Not available.	
Exposure minutes	Not available.	
Erythema value	Not available.	
Oedema value	Not available.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Corneal opacity value	Not available.	
Iris lesion value	Not available.	
Conjunctival reddening value	Not available.	
Conjunctival oedema value	Not available.	
Recover days	Not available.	
Respiratory or skin sensitization		
Respiratory sensitization	Not available.	
Skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	Not classified.	
Mutagenicity	Not classified.	
Carcinogenicity	See below.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
Limonene (CAS 5989-27-5)	Volume 73 - 3 Not classifiable as to carcinogenicity to humans.	
Reproductive toxicity	Not classified.	
Teratogenicity	Not classified.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not classified.	
Chronic effects	Not available.	
Further information	Not available.	
Name of Toxicologically Synergistic Products	Not available.	

12. Ecological Information

Ecotoxicity	See below		
Components	Species		Test Results
C12-15 PARETH-11 (CAS 68131-39-5)			
Aquatic			
Crustacea	EC50	Water flea (<i>Ceriodaphnia dubia</i>)	0.37 - 0.43 mg/L, 48 hours
Fish	LC50	Channel catfish (<i>Ictalurus punctatus</i>)	1.04 - 1.39 mg/L, 96 hours
DIETHYLHEXYL SODIUM SULFOSUCCINATE (CAS 577-11-7)			
Crustacea	EC50	Daphnia	36 mg/L, 48 Hours

Components	Species	Test Results
Aquatic		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6)		
Aquatic		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
Limonene (CAS 5989-27-5)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia pulex)
Fish	LC50	Fathead minnow (Pimephales promelas)
Phenoxyethanol (CAS 122-99-6)		
Algae	IC50	Algae
Crustacea	EC50	Daphnia
Aquatic		
Fish	LC50	Fathead minnow (Pimephales promelas)
Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Mobility in general	Not available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

13. Disposal Considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

General	Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below.
U.S. Department of Transportation (DOT)	Not regulated as dangerous goods.
Transportation of Dangerous Goods (TDG - Canada)	Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number	
Limonene (CAS 5989-27-5)	1 TONNES
Canada WHMIS Ingredient Disclosure: Threshold limits	
DIETHYLHEXYL SODIUM SULFOSUCCINATE (CAS 577-11-7)	1 %
Limonene (CAS 5989-27-5)	1 %
Phenoxyethanol (CAS 122-99-6)	1 %
WHMIS classification	Exempt - Notified cosmetic under the Food & Drugs Act
US federal regulations	This cosmetic product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) 1.0 %

Phenoxyethanol (CAS 122-99-6) 1.0 % N230

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) Listed.

Phenoxyethanol (CAS 122-99-6) Listed. N230

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Phenoxyethanol (CAS 122-99-6) Listed.

US CAA Section 111 Volatile Organic Compounds: Listed substance

Phenoxyethanol (CAS 122-99-6) Listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Phenoxyethanol (CAS 122-99-6) Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US - Illinois Chemical Safety Act: Listed substance

Phenoxyethanol (CAS 122-99-6) Listed.

US - Louisiana Spill Reporting List: Reportable quantity (total mass into atmosphere)

Phenoxyethanol (CAS 122-99-6) 100 LBS

US - Louisiana Spill Reporting: Listed substance

Phenoxyethanol (CAS 122-99-6) Listed.

US - New Jersey RTK - Substances: Listed substance

IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) Listed.

Phenoxyethanol (CAS 122-99-6) Listed.

US - Texas Effects Screening Levels: Listed substance

C12-15 PARETH-11 (CAS 68131-39-5) Listed.

DIETHYLHEXYL SODIUM SULFOSUCCINATE (CAS 577-11-7) Listed.

DIMETHYL ADIPATE (CAS 627-93-0) Listed.

IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) Listed.

Limonene (CAS 5989-27-5) Listed.

Phenoxyethanol (CAS 122-99-6) Listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Phenoxyethanol (CAS 122-99-6) Listed.

US. Rhode Island RTK

IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6) Listed.
 Phenoxyethanol (CAS 122-99-6) Listed.

Inventory status

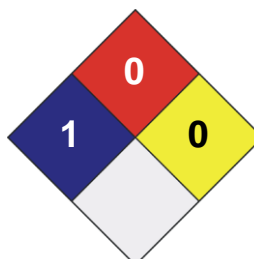
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Further information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Prepared by Nu-Calgon Technical Service Phone: (314) 469-7000

Other information This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).