



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	<b>Scrubs-in-a-Bucket (4366-87, 4366-24)</b>
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Waterless Hand Cleaner Towels
<b>Recommended restrictions</b>	None known.
<b>Manufacturer</b>	Nu-Calgon 2008 Altom Court St. Louis, MO 63146 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMTREC)

## 2. Hazards Identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	Not available.
<b>Hazard statement</b>	Not available.
<b>Precautionary statement</b>	
<b>Prevention</b>	Follow good hygienic and housekeeping practices.
<b>Response</b>	Call a poison center/doctor if you feel unwell.
<b>Storage</b>	Store according to package label instructions.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	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

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
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

<b>Composition comments</b>	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

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

<b>Indication of immediate medical attention and special treatment needed</b>	Treat patient symptomatically.
<b>General information</b>	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

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

## 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.

## 7. Handling and Storage

<b>Precautions for safe handling</b>	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.
<b>Conditions for safe storage, including any incompatibilities</b>	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

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

<b>Skin protection</b>	
<b>Hand protection</b>	Not required.
<b>Other</b>	Not normally required.
<b>Respiratory protection</b>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>Thermal hazards</b>	Not applicable.
<b>General hygiene considerations</b>	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.

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## 9. Physical and Chemical Properties

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

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## 10. Stability and Reactivity

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

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## 11. Toxicological Information

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<b>Routes of exposure</b>	Eye, Skin contact, Inhalation.
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**Information on likely routes of exposure**

<b>Ingestion</b>	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	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**

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
C12-15 PARETH-11 (CAS 68131-39-5)		
<b>Acute</b>		
<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)		
<b>Acute</b>		
<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)		
<b>Acute</b>		
<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)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Oral</i>		
LD50	Rat	1056 mg/kg
Limonene (CAS 5989-27-5)		
<b>Acute</b>		
<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)		
<b>Acute</b>		
<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
<b>Skin corrosion/irritation</b>	Not available.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	May cause an allergic skin reaction.	
<b>Germ cell mutagenicity</b>	Not classified.	
<b>Mutagenicity</b>	Not classified.	
<b>Carcinogenicity</b>	See below.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Limonene (CAS 5989-27-5)	Volume 73 - 3 Not classifiable as to carcinogenicity to humans.	
<b>Reproductive toxicity</b>	Not classified.	
<b>Teratogenicity</b>	Not classified.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not classified.	
<b>Chronic effects</b>	Not available.	
<b>Further information</b>	Not available.	
<b>Name of Toxicologically Synergistic Products</b>	Not available.	

## 12. Ecological Information

Ecotoxicity	See below		
Components	Species		Test Results
C12-15 PARETH-11 (CAS 68131-39-5)			
<b>Aquatic</b>			
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
<b>Aquatic</b>		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
IODOPROPYNYL BUTYLCARBAMATE (CAS 55406-53-6)		
<b>Aquatic</b>		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
Limonene (CAS 5989-27-5)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia pulex)
Fish	LC50	Fathead minnow (Pimephales promelas)
Phenoxyethanol (CAS 122-99-6)		
Algae	IC50	Algae
Crustacea	EC50	Daphnia
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas)
<b>Persistence and degradability</b>	No data is available on the degradability of this product.	
<b>Bioaccumulative potential</b>	No data available.	
<b>Mobility in soil</b>	No data available.	
<b>Mobility in general</b>	Not available.	
<b>Other adverse effects</b>	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

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	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

<b>General</b>	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.
<b>U.S. Department of Transportation (DOT)</b>	Not regulated as dangerous goods.
<b>Transportation of Dangerous Goods (TDG - Canada)</b>	Not regulated as dangerous goods.

### 15. Regulatory Information

<b>Canadian federal regulations</b>	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.
<b>Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number</b>	
Limonene (CAS 5989-27-5)	1 TONNES
<b>Canada WHMIS Ingredient Disclosure: Threshold limits</b>	
DIETHYLHEXYL SODIUM SULFOSUCCINATE (CAS 577-11-7)	1 %
Limonene (CAS 5989-27-5)	1 %
Phenoxyethanol (CAS 122-99-6)	1 %
<b>WHMIS classification</b>	Exempt - Notified cosmetic under the Food & Drugs Act
<b>US federal regulations</b>	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**

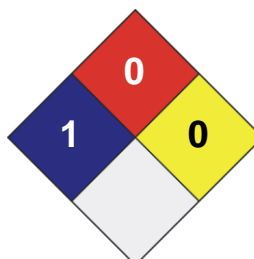
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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

<b>HEALTH</b>	/ 1
<b>FLAMMABILITY</b>	0
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	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.

**Issue date** 22-September-2015

**Effective date** 22-September-2015

**Expiry date** 22-September-2018

**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).