

## SECTION 1 - IDENTIFICATION

**Product identifier/Trade name:** SUDS HEAVY DUTY LAUNDRY DETERGENT

**Other means of identification:** 1804764, 1804772, 63815576

**Recommended use:** Liquid Laundry Detergent

**Restriction on use:** For industrial, institutional and food plant use only.

**Initial supplier identifier:** CHANDLER  
225 Thorne Avenue,  
Saint John, New Brunswick, Canada E2L 4L9  
Phone: 1-800-363-9611

**Emergency phone number:** (613) 996-6666 (CANUTEC)

## SECTION 2 - HAZARDS IDENTIFICATION

### 2a WHMIS 2015 - GHS (Globally Harmonized System) classification:

This product is classified as a skin irritant category 2 and an eye irritant category 1.

### 2b Label elements:

Pictogram:



### PRECAUTIONIONARY STATEMENT:

**KEEP OUT OF REACH OF CHILDREN.** Wash hands thoroughly after handling. Avoid contact with eyes.

### FIRST AID:

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs, Get medical advice. Take off contaminated clothing and wash it before reuse.

**Warning statement:** WARNING

**Hazard statement:** Causes serious eye irritation. Causes skin irritation.

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Décyl glucoside	110615-47-9	5- 15	Eye irritation, category 1 Skin irritation category 2

The actual concentrations are withheld as a trade secret.

### SECTION 4 - FIRST AID MEASURES

#### 4a Description of first aid measures:

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

**Skin contact:** Wash with plenty of water. If skin irritation occurs, Get medical advice. Take off contaminated clothing and wash it before reuse.

**Inhalation:** No effect expected.

**Ingestion:** Rinse mouth. Call a doctor if you feel unwell. Never give anything by mouth if the person is unconscious.

#### 4b Most important symptoms and effects:

**Eye contact:** May cause irritation.

**Skin contact:** May cause irritation.

**Inhalation:** No effect expected.

**Ingestion:** May cause irritation, headache, abdominal pain, diarrhea, nausea, and vomiting.

#### 4c Immediate medical attention and special treatment needed.

No special treatment.

### SECTION 5 - FIRE FIGHTING MEASURES

#### 5a Extinguishing media:

**Suitable extinguishing media:** Water, foam, dry chemicals, carbon dioxide. Product itself is not flammable.

**Unsuitable extinguishing media:** None known.

#### 5b Specific hazards for product:

**Hazardous combustion products:** Oxides of carbon, and other irritating gases.

#### 5c Special protective equipment and precautions for firefighters

**Special fire-fighting procedures/equipment:** During a fire, irritating and toxic smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating and toxic products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### 6a Personal precautions, protective equipment, and emergency procedures:

**Personal protection:** Avoid contact with eyes and skin. Use adequate aeration and ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

### 6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water. Caution: floors will be very slippery.

**6c Environmental precautions:** Product is biodegradable. Do not let large quantities go to the sewers.

## SECTION 7 - HANDLING AND STORAGE

### 7a Precautions for safe handling:

Avoid contact with eyes and skin. When used as directed, no special precautions.

### 7b Condition for safe storage:

Keep in a tightly sealed container in a well-ventilated room. Do not store on surfaces that may come into contact with food products. KEEP FROM FREEZING.

### 7c Special packaging materials:

none.

No incompatibility with most materials found in most workplaces.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8a Control parameters:

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
	None established	None established	

### 8b Engineering controls:

Not required.

### 8c Individual protection measures:

**Respiratory Protection:** Not required.

**Skin protection and other protective equipment:** Rubber gloves in case of possible contact. Waterproof boots for large spills.

**Eye / face protection:** Not required. In case of possible eye contact, safety glasses.

**General hygiene considerations:** KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes and skin. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and odor:</b>	Colorless liquid, pleasant fragrance
<b>Odor threshold:</b>	Not available
<b>pH:</b>	8.5-10.8
<b>Melting point and freezing point:</b>	Approximately 0°C
<b>Boiling point:</b>	Approximately 100°C
<b>Flash point:</b>	None to boil
<b>Evaporation rate (n-BuAc =1):</b>	Approximately 0.4 (water)
<b>Lower flammable limit (% by volume):</b>	Not applicable
<b>Upper flammable limit (% by volume):</b>	Not applicable
<b>Explosion data - Sensitivity to mechanical impact:</b>	Not sensitive
<b>Explosion data - Sensitivity to static discharge:</b>	Not sensitive
<b>Vapour pressure (mm Hg)</b>	Approximately 20 (water)
<b>Vapour density:</b>	Approximately 0.6 (water)
<b>Specific gravity or density (water = 1 at 4°C):</b>	Approximately 1.02 g/cm <sup>3</sup> @ 20°C
<b>Solubility in water:</b>	Soluble in water
<b>Partition coefficient – n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity:</b>	100-300 cps @ 25°C

## SECTION 10 - STABILITY AND REACTIVITY

### 10a Reactivity:

Not applicable.

### 10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

### 10c Possibility of hazardous reactions:

May react with strong acids and strong oxidizing agents.

### 10d Conditions to avoid:

Avoid contact with strong acids and oxidizers.

### 10e Incompatible materials:

Strong acids and oxidizers

### 10f Hazardous decomposition products:

Water vapors, carbon oxides.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Primary entry route(s):** Eye, and ingestion.

**Eye contact:** May cause irritation.

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**Skin contact:** May cause irritation.

**Inhalation:** No effect expected.

**Ingestion:** May cause irritation, headache, abdominal pain, diarrhea, nausea, and vomiting.

**Carcinogenicity:** No ingredient listed by IARC as a possible carcinogen.

**Teratogenicity, mutagenicity, other reproductive effects:** No ingredients classified as such.

**Skin sensitization:** No ingredients classified as sensitizing.

**Respiratory tract sensitization:** No ingredients classified as sensitizing.

**Synergistic materials:** Not available.

**Other important hazards:** Not available.

**Toxicological data:** The calculated LD50 for this product is greater than 12,000 mg/Kg, (oral, rat); our products are not tested on animals.

Ingredient	LD50 (route, species)	LC50 # hours (species)
Décyl glucoside	>5,000 mg/Kg (oral, rat) >5,000 mg/Kg (dermal, rabbit)	Not available

*For more details, refer to Section 3.*

## SECTION 12 - ECOLOGICAL INFORMATION

### 12a Ecotoxicity:

Toxicity (fishes)	Value EC50	Exposure Time	Method
Décyl glucoside	1-10 mg/L	96H	Not available

Toxicity (Daphnia)	Value EC50	Exposure Time	Method
Décyl glucoside I	10-100mg/L	72H	Not available

Toxicity (Algae)	ValueEC50	Exposure Time	Method
Décyl glucoside	≥100 mg/L	72H	Not available

### 12b Persistence and degradability:

Product is expected to be readily biodegradable as per OECD 301.

### 12c Bioaccumulation potential:

Not available

### 12d Mobility in soil:

Not available.

### 12e Other adverse effect:

No applicable information found.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of material according to regional, provincial and federal regulations.

### SECTION 14 - TRANSPORTATION INFORMATION

**Transportation of Dangerous Goods (TDG) in Canada:** Not regulated.

**UN number:** Not applicable

**Proper shipping name:** Not applicable

**Class:** Not applicable

**Identification number:** Not applicable

**Packing group:** Not applicable

**Special case:** Not applicable

### SECTION 15 - REGULATORY INFORMATION

In Canada

**WHMIS information:** This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

**WHMIS Classification:** See section 2a

**CEPA information:** Ingredients are listed on the DSL inventory.

### SECTION 16 - OTHER INFORMATION

**Date of latest revision:** 2022-03-24

#### References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

#### Abbreviations:

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstract Service
<b>CEPA</b>	Canadian Environmental Protection Act
<b>cps</b>	Centipoises
<b>DSL</b>	Domestic Substance List
<b>HMIS</b>	Hazardous Material Information System
<b>IARC</b>	International Agency for Research on Cancer
<b>LC</b>	Lethal concentration
<b>LD</b>	Lethal Dosage

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<b>N/Av</b>	Not available
<b>N/Ap</b>	Not Applicable
<b>NFPA</b>	National Fire Protection Association
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program (U.S.A.)
<b>OSHA</b>	Occupational Safety and Health Administration (U.S.A.)
<b>PEL</b>	Permissible Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>WHMIS</b>	Workplace Hazardous Materials Information System

**End of the SDS**