

SAFETY DATA SHEET

**TOUCH-LESS**

Revision 1  
Compilation date: 08/10/2020

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name: Touch-Less

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

Automotive shampoo.

**1.3. Details of the supplier of the safety data sheet**

Company name and address:

Bilt Hamber Laboratories  
Swift House  
Ground Floor 18 Hoffmanns Way  
Chelmsford  
Essex,  
United Kingdom  
CM1 1GU  
Tel: 01277 658899  
Email: sales@bilthamber.com

**1.4. Emergency telephone number**

01277 658899 (office hours only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification (REGULATION (EC) No 1272/2008)  
Eye irritation, Category 2 H319: Causes serious eye irritation..

**2.2. Label elements**

Labelling (REGULATION (EC) No 1272/2008)  
Hazard pictograms:



Signal word: Warning  
Hazard statements: H319 Causes serious eye irritation.

**Precautionary statements:**

Prevention:  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.

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Response:

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**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1 500-220-1 01-2119488530-36-XXXX	Eye Dam. 1; H318	5-10%

For explanation of abbreviations see section 16.

**Section 4: First aid measures**

**4.1. Description of first aid measures**

If inhaled:	If breathed in, move person into fresh air. If symptoms persist, call a physician.
In case of skin contact:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If symptoms persist, call a physician.
In case of eye contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
If swallowed:	If swallowed, call a poison control centre or doctor immediately.

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

Symptoms: None known.

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

Treatment: None known.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: High volume water jet

### 5.2. Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Do not use a solid water stream as it may scatter and spread fire.

### 5.3. Advice for fire-fighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation. Use personal protective equipment.

### 6.2. Environmental precautions

Environmental precautions: Prevent product from entering drains.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.

### 6.4. Reference to other sections

None.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling: Avoid contact with skin, eyes and clothing.  
Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

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**7.2. Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers: Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage: No special restrictions on storage with other products.

Other data: Stable under recommended storage conditions.

**7.3. Specific end use(s)**

Specific use(s): No data available

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
D-Glucopyranose, oligomeric, decyl octyl glycosides	Workers, gen-eral public	Skin contact, Inhalation	Acute systemic effects, Acute local effects, Long-term local effects	-
Remarks:	Not applicable			
	Workers	Skin contact	Long-term systemic effects	595000 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	420 mg/m3
	general public	Skin contact	Long-term systemic effects	357000 mg/kg bw/day
	general public	Inhalation	Long-term systemic effects	124 mg/m3
	general public	Ingestion	Acute systemic effects, Acute local effects, Long-term local effects	
Remarks:	Not applicable			
	general public	Ingestion	Long-term systemic effects	35.7 mg/kg bw/day

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Substance name	Environmental Compartment	Value
D-Glucopyranose, oligomeric, decyl octyl glycosides	Fresh water	0.1 mg/l

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	Marine water	0.01 mg/l
	Water	0.27 mg/l
Remarks:	Intermittent use/release	
	Fresh water sediment	0.487 mg/kg
	Marine sediment	0.048 mg/kg
	Soil	0.654 mg/kg
	Sewage treatment plant	560 mg/l
	Oral	111.11 mg/kg
	Secondary Poisoning	

**8.2. Exposure controls**

Personal protective equipment

Eye protection:                      Tightly fitting safety goggles

Hand protection:

Remarks                                      Impervious gloves

Skin and body protection:              Impervious clothing

Respiratory protection:                  In the case of vapour formation use a respirator with an ap-proved filter.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Appearance:	Liquid
Colour:	yellow, brown
Odour:	No data available
Odour Threshold:	No data available
pH:	10 - 11
Melting point:	No data available
Boiling point:	> 100 °C
Decomposition temperature:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Vapour pressure:	No data available
Relative vapour density:	No data available

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Density:	No data available
Solubility(ies)	
Water solubility:	soluble
Solubility in other solvents:	not determined
Partition coefficient: n-octanol/ water	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity	
Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	Classification Code: No data available
Oxidizing properties:	No data available

**9.2. Other information**

No data available

**Section 10: Stability and reactivity**

**10.1. Reactivity**

Reactivity: No data available

**10.2. Chemical stability**

Chemical stability: No data available

**10.3. Possibility of hazardous reactions**

Hazardous reactions: Stable under recommended storage conditions

**10.4. Conditions to avoid**

Conditions to avoid: None known.

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**10.5. Incompatible materials**

Materials to avoid: Strong oxidising agents.

**10.6. Hazardous decomposition products**

No data available

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity

Product:

Acute oral toxicity: No data available  
Acute inhalation toxicity: No data available  
Acute dermal toxicity: No data available

Components:

D-Glucopyranose, oligomeric, decyl octyl glycosides:

Acute oral toxicity: LD50 Oral (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: The substance or mixture has no acute oral toxicity.

Acute inhalation toxicity: Remarks: Not applicable  
Acute dermal toxicity: LD50 Dermal (Rabbit, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Acute toxicity (other routes of administration) :  
Remarks: Not applicable

**Skin corrosion/irritation**

Product:  
Remarks: No data available

Components:

D-Glucopyranose, oligomeric, decyl octyl glycosides:

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: Irritating to skin.  
Remarks: Information given is based on data obtained from similar substances.

Serious eye damage/eye irritation

Product:

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Species: Bovine cornea  
 Assessment: Irritating to eyes.  
 Method: OECD Test Guideline 437  
 Result: Irritating to eyes.  
 GLP: yes  
 Test substance: 50%  
 Remarks: Information given is based on tests on the mixture itself.

Components:  
 D-Glucopyranose, oligomeric, decyl octyl glycosides:  
 Species: Rabbit  
 Method: OECD Test Guideline 405  
 Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation  
 Product:  
 Remarks: No data available

Components:  
 D-Glucopyranose, oligomeric, decyl octyl glycosides:  
 Species: Mouse  
 Method: OECD Test Guideline 429  
 Result: Did not cause sensitisation on laboratory animals.  
 Germ cell mutagenicity  
 Product:  
 Genotoxicity in vitro:  
 Remarks: No data available

Components:  
 D-Glucopyranose, oligomeric, decyl octyl glycosides:  
 Genotoxicity in vitro: Test Type: in vitro assay  
 Species: Mouse Lymphoma Cells  
 Metabolic activation: with and without metabolic activation  
 Method: EC B17 (OECD 476): Mammalian Cell Gene Mutation Test  
 Result: negative

Genotoxicity in vivo: Test Type: In vivo micronucleus test  
 Species: Mouse (male)  
 Method: Mutagenicity (micronucleus test)  
 Result: negative

Carcinogenicity  
 Product:  
 Carcinogenicity - Assessment: No data available

Components:  
 D-Glucopyranose, oligomeric, decyl octyl glycosides:  
 Remarks: Not applicable

Reproductive toxicity  
 Product:



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Effects on fertility: Test substance: No data available

#### Components:

D-Glucopyranose, oligomeric, decyl octyl glycosides:

Effects on fertility: Species: Rat  
Sex: male and female  
Application Route: Oral  
NOAEL: 1,000 mg/kg

Effects on foetal development: Species: Rat  
General Toxicity Maternal: No observed adverse effect level: 1,000 mg/kg body weight  
Developmental Toxicity: No observed adverse effect level F1: 1,000 mg/kg body weight  
Method: OECD Test Guideline 414  
Remarks: Information given is based on data obtained from similar substances.

#### STOT - single exposure

##### Product:

Assessment: No data available

##### Components:

D-Glucopyranose, oligomeric, decyl octyl glycosides:

Assessment: No data available

#### STOT - repeated exposure

##### Product:

Assessment: No data available

##### Components:

D-Glucopyranose, oligomeric, decyl octyl glycosides:

Assessment: No data available

#### Repeated dose toxicity

##### Components:

D-Glucopyranose, oligomeric, decyl octyl glycosides:

Species: Rat, male and female  
No observed adverse effect level: 100 mg/kg  
NOAEL: 100 mg/kg  
Application Route: Oral  
Exposure time: 90 days  
Number of exposures: 1x /day  
Method: OECD Test Guideline 408

#### Aspiration toxicity

##### Product:

No data available

## Section 12: Ecological information

### 12.1. Toxicity

##### Product:

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Toxicity to fish: Components:	Remarks: No data available D-Glucopyranose, oligomeric, decyl octyl glycosides:
Toxicity to fish:	LC50 (turbot): 96.64 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203 Remarks: Marine water NOEC (Cyprinodon variegatus (sheepshead minnow)): → 21 mg/l Exposure time: 96 h Test Type: semi-static test Remarks: Marine water
Toxicity to daphnia and other aquatic invertebrates:	EC50 (Daphnia magna (Water flea)): → 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 Remarks: Fresh water  EC50 (Acartia tonsa): 31.62 mg/l Exposure time: 48 h Test Type: static test Method: ISO TC147/SC5/WG2 Remarks: Marine water
Toxicity to algae:	EC50 (Desmodesmus subspicatus (green algae)): 37 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Test substance: solution Remarks: Fresh water  NOEC (Skeletonema costatum (marine diatom)): 10 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Test substance: solution Remarks: Marine water  EC50 (Selenastrum capricornutum (green algae)): 19.82 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test Test substance: solution Remarks: Marine water
Toxicity to bacteria:	EC50 (Pseudomonas putida): → 560 mg/l End point: Growth inhibition Exposure time: 6 h Test Type: static test

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Remarks: Fresh water

Toxicity to fish (Chronic toxic-ity): NOEC: 1.8 mg/l  
Exposure time: 28 d  
End point: mortality  
Species: Danio rerio (zebra fish)  
Test Type: flow-through test  
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)  
: NOEC: 2 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: semi-static test  
Test substance: solution  
Method: OECD Test Guideline 202  
Remarks: Fresh water

Toxicity to soil dwelling organisms:  
>= 654 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)

Plant toxicity:  
>= 654 mg/kg  
Exposure time: 14 d  
Species: Avena sativa (oats)

**12.2. Persistence and degradability**

Product:  
Biodegradability: Remarks: No data available

Components:  
D-Glucopyranose, oligomeric, decyl octyl glycosides:  
Biodegradability: Test Type: Dissolved organic carbon (DOC)  
Inoculum: activated sludge  
Result: Readily biodegradable  
Biodegradation: 100 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E: Modified OECD Screening Test  
  
Inoculum: activated sludge  
Result: Readily biodegradable  
Biodegradation: 73 %  
Exposure time: 14 d  
Method: OECD Test Guideline 302

**12.3. Bioaccumulative potential**



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**14.2 UN proper shipping name**  
Not regulated as a dangerous good

**14.3 Transport hazard class(es)**  
Not regulated as a dangerous good

**14.4 Packing group**  
Not regulated as a dangerous good

**14.5 Environmental hazards**  
Not regulated as a dangerous good

**14.6 Special precautions for user**  
Remarks: Not classified as dangerous in the meaning of transport regulations.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
Not applicable for product as supplied.

**Section 15: Regulatory information**

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

The components of this product are reported in the following inventories:

TSCA:	All chemical substances in this product are listed on the TSCA Inventory.
DSL:	All components of this product are on the Canadian DSL
AICS:	On the inventory, or in compliance with the inventory
NZIoC:	On the inventory, or in compliance with the inventory
ENCS:	On the inventory, or in compliance with the inventory
ISHL:	On the inventory, or in compliance with the inventory
KECI:	On the inventory, or in compliance with the inventory
PICCS:	On the inventory, or in compliance with the inventory
REACH:	On the inventory, or in compliance with the inventory
IECSC:	On the inventory, or in compliance with the inventory

**15.2 Chemical Safety Assessment**  
This information is not available.

**Section 16: Other information**

**Full text of H-Statements**

H318: Causes serious eye damage.

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Full text of other abbreviations

Eye Dam.: Serious eye damage

(Q)SAR - (Quantitative) Structure Activity Relationship; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; DIN - Standard of the German Institute for Standardisation; ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TRGS - Technical Rule for Hazardous Substances; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice

#### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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