

# MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH)

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

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1.1. Product identifier

### ***LIF Scouring Cream Lemon***

UFI: J500-C0AA-300Y-X6NY

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

Identified uses: Surface cleaner to clean kitchen appliances, sanitary fixtures, countertops, tiles, floor tiles.

Uses advised against: not determined

1.3. Details of the supplier of the Safety Data Sheet

SMB Städ materiel bolaget AB

Ursviksvägen 129

174 46 Sundbyberg

[Info@smb.se](mailto:Info@smb.se)

1.4. Emergency telephone number

112 - the emergency number

## SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

**Eye Irrit. 2 H319**

2.2. Label elements



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.

**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.

**EUH208** - Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

**Detergent composition in accordance with Regulation 648/2004 / EC:**

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**Ingredients:** <5% anionic surfactants, <5% non-ionic surfactants, perfumes (Limonene), preservatives (Methylchlorisothiazolinone, Methylisothiazolinone, 2-bromo-2-nitropropane-1,3-diol).

## 2.3. Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII - no

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII -

Not available

Other hazards which do not result in classification - None known

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2 Mixtures

| Compound   | CAS No.    | EC No.    | Index number REACH No.                | % w/w     | Classification according to Regulation No. 1272/2008  |
|--|------------|-----------|---------------------------------------|-----------|---|
| Aqua   | 7732-18-5  | 231-791-2 | -                                     | To 100    | -   |
| Dolomite   | 16389-88-1 | -         | -                                     | 25,0-50,0 | -   |
| Acrylic Polymer Emulsion   | -          | -         | -                                     | 1,0-5,0   | -   |
| Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt                                     | 68411-30-3 | 270-115-0 | -<br>01-2119489428-22-xxxx            | <2,0      | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412  |
| Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)                           | -          | 931-329-6 | -<br>01-2119490100-53-xxxx            | <2,0      | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411  |
| Perfume  | -          | -         | -                                     | <0,1      | -   |
| Sodium Hydroxide   | 1310-73-2  | 215-185-5 | 011-002-00-6<br>01-2119457892-27-xxxx | <0,1      | Skin Corr. 1A, H314   |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). | 55965-84-9 | -         | 603-085-00-8<br>01-119980938-15-xxxx  | <0,1      | Acute Tox. 3 H301<br>Acute Tox. 2 H310<br>Skin Corr. 1C H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A H317<br>Acute Tox. 2 H330<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 |
| 2-Bromo-2-nitropropane-1,3-diol  | 52-51-7    | 200-143-0 | 603-085-00-8<br>01-2119980938-15-xxxx | <0,1      | Acute Tox. 4 H302<br>Acute Tox. 4 H312<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335<br>Aquatic Acute 1; H400   |

Additional information: For full text of H statements, please refer to Section:16

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## **Specific Concentration limits**

**reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).**

Eye Dam. 1:  $C \geq 0,6 \%$

Eye Irrit. 2; H319:  $0,06 \% \leq C < 0,6 \%$

Skin Corr. 1C:  $C \geq 0,6 \%$

Skin Irrit. 2; H315:  $0,06 \% \leq C < 0,6 \%$

Skin Sens. 1A:  $C \geq 0,0015 \%$

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures:

General comments: should be adhered these safety precautions and usage contained on the label. With the occurrence of symptoms or in cases of doubt seek medical advice.

Inhalation - In normal circumstances cause no threat.

Eye contact – Remove contact lenses. Rinse eyes with cold water for 10 minutes (small water flow directed to outer side of the face - never directed to healthy eye). Seek medical attention if irritation persists.

Skin contact - Contaminated skin rinse with plenty of water. Seek medical attention if irritation persists.

Ingestion - Rinse the mouth with water. To give a small amount of water to drink. Prevent vomiting. Seek medical attention.

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

Potential acute health effects

Eye contact: burning sensation, redness, swelling

Skin contact: burning sensation, redness

Ingestion: Ingestion of large amounts causes nausea, vomiting, abdominal pain

Inhalation: Not applicable

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable Extinguishing media:** Do not use condensed streams of water.

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

**Hazards from the substance or mixture:** Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous combustion products:** no data

### 5.3. Advice for firefighters

**Special precautions for firefighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel:

Evacuate surrounding areas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.1.2. For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

6.3. Methods and material for containment and cleaning up

Gather up the product submitted in sealed containers to security precautions

6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1. While use and storage observe the generally applicable safety and health at work. Avoid release to the environment

7.1.2. Not to eat and drink. Washed surfaces thoroughly rinse with water. Upon use - wash your hands.

7.2. Conditions for safe storage, including any incompatibilities

Store in the original packaging, under cover, dry, temperature in the range 3,0 – 25,0°C. Protect from direct sunlight. Protect from freezing.

7.3. Specific end use(s): Not available.

## SECTION 8: Exposure controls/personal protection

8.1. Control parameters: The occupational exposure limit values (NDS, NDSCh, NDSP according to Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 regarding the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286).

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## Derived effect levels

| Product/ingredient name                                    | Type | Exposure             | Value                | Population | Effects |
|--|------|----------------------|----------------------|------------|---------|
| Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt | DNEL | Long term Dermal     | 170 mg/kg bw/day     | Workers    | -       |
|  | DNEL | Long term Inhalation | 12 mg/m <sup>3</sup> | Workers    | -       |
|  | DNEL | Long term Oral       | 0,85 mg/ kg bw/day   | Consumers  | -       |
|  | DNEL | Long term Dermal     | 85 mg/kg bw/day      | Consumers  | -       |
|  | DNEL | Long term Inhalation | 3 mg/m <sup>3</sup>  | Consumers  | -       |

## Predicted effect concentrations

| Product/ingredient name                                    | Type | Compartment Detail     | Value       | Method Detail      |
|--|------|------------------------|-------------|--------------------|
| Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt | PNEC | Fresh water            | 0,268 mg/l  | Assessment Factors |
|  | PNEC | Marine                 | 0,0268 mg/l | Assessment Factors |
|  | PNEC | Sediment               | 8,1 mg/kg   | Assessment Factors |
|  | PNEC | Marine                 | 0,0167 mg/  | Assessment Factors |
|  | PNEC | Sewage Treatment Plant | 3,43 mg/    | Assessment Factors |

### 8.2. Exposure controls:

#### 8.2.1. Appropriate engineering controls

General ventilation of room.

#### 8.2.2. Individual protection measures, such as personal protective equipment

In normal circumstances is not required. Wash hands after work. Do not eat or drink or smoke.

##### (a) Eye/face protection

In normal circumstances is not required

##### (b) Skin protection

**Hand protection:** In normal circumstances is not required

**Other:** not applicable

##### (c) Respiratory protection

In normal circumstances is not required

##### (d) Thermal hazards

not applicable

#### 8.2.3. Environmental exposure controls

Avoid release to the environment

## SECTION 9: Physical and chemical properties

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

(a) Physical state: liquid

(b) Colour: characteristic for used ingredients

(c) Odour: nice, characteristic for used fragrance

(d) Melting point/freezing point: no data

(e) Boiling point or initial boiling point and boiling range: no data

(f) Flammability: no data

(g) Lower and upper explosion limit: no data

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- (h) Flash point: no data
- (i) Auto-ignition temperature: no data
- (j) Decomposition temperature: no data
- (k) pH: 8,5+/-1,5
- (l) Kinematic viscosity: no data
- (m) Solubility: water
- (n) Partition coefficient n-octanol/water (log value) : no data
- (o) Vapour pressure: no data
- (p) Density and/or relative density: no data
- (q) Relative vapour density: no data
- (r) Particle characteristics: no data

## 9.2. Other information

No additional information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of pressure and temperature

### 10.2. Chemical stability

Stable under normal conditions of pressure and temperature

### 10.3. Possibility of hazardous Reactions

Not known

### 10.4. Conditions to avoid

Avoid direct sunlight.

### 10.5 Incompatible materials

None known

### 10.6. Hazardous decomposition products

Not known if used according to specifications, the product

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

FOR SUBSTANCES:

| Compound   | CAS No.    | Portion                       | Value  | Unit  |
|--|------------|-------------------------------|--------|-------|
| Benzenesulfonic acid, C10-13 alkyl derivative, sodium salt           | 68411-30-3 | LD <sub>50</sub> – oral rat   | 1080   | mg/kg |
|  |            | LD <sub>50</sub> – Dermal rat | > 2000 | mg/kg |
| Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) | -          | LD <sub>50</sub> – oral rat   | >5000  | mg/kg |

#### (a) acute toxicity

Based on available data, the classification criteria are not met.

#### (b) skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### (c) serious eye damage/irritation

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Causes serious eye irritation.

(d) respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

(e) germ cell mutagenicity

Based on available data, the classification criteria are not met.

(f) carcinogenicity

Based on available data, the classification criteria are not met.

(g) reproductive toxicity

Based on available data, the classification criteria are not met.

(h) STOT-single exposure

Based on available data, the classification criteria are not met.

(i) STOT-repeated exposure

Based on available data, the classification criteria are not met.

(j) aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

not applicable

11.2.2. Other information

not applicable

## SECTION 12: Ecological information

12.1. Toxicity

For mixtures: no data

For substance: -

12.2. Persistence and degradability

The surfactants contained in the mixture are consistent with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

12.3. Bioaccumulative potential

No data

12.4. Mobility in soil

Product is soluble in water.

12.5. Results of PBT and vPvB assessment

No data

12.6. Endocrine disrupting properties

No data

12.7. Other adverse effects

no data

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods:

Follow the laws in force in the area. Thoroughly emptied packaging products are the subject of municipal waste collection.

#### Legal basis:

- The Act of 14 December 2012. on waste (Journal of Laws 2013, item 21)
- Act of 13 June 2013 on the management of packaging and packaging waste (Dz.U.2013 item 888).

## SECTION 14: Transport information

### 14.1. UN number or ID number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

No

### 14.6. Special precautions for user

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

- ⤴ REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
- ⤴ Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- ⤴ The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- ⤴ REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- ⤴ The Act of 25 February 2011. on chemical substances and mixtures thereof. (Dz.U. 2011, nr 63, poz. 322.), as amended
- ⤴ COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- ⤴ DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November



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2008 on waste and repealing certain Directives

- ▲ COMMISSION DECISION of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council
- ▲ COMMISSION DIRECTIVE 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

## 15.2. Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

## SECTION 16: Other information

### H phrases:

- H302** Harmful if swallowed
- H314** Causes severe skin burns and eye damage.
- H315** Causes skin irritation.
- H317** May cause an allergic skin reaction.
- H318** Causes serious eye damage.
- H332** Harmful if inhaled.
- H400** Very toxic to aquatic life
- H411** Toxic to aquatic life with long-lasting effects
- H412** Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms:

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DEL = Derived effect levels

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PEC = Predicted effect concentrations

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Above information are elaborated in base of present accessible data characterizing product, experience and knowledge of the producer. They are not a part of product quality description not even a promise for specific characteristics. They should be treated as help for safe storing, using and transporting of product. However the worker is not without responsibility to. He should correctly use above information and comply with all law standards valid in this field.