

# Safety Data Sheet

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

### 1.1. Product identifier

|                     |                                    |
|---------------------|------------------------------------|
| Product identifier. | 124654                             |
| Product name.       | Powdered Cotton Upholstery Cleaner |
| UFI                 | CUMF-K02F-F00A-FTCV                |

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

|                       |                                  |
|-----------------------|----------------------------------|
| Recommended Use.      | Professional Upholstery Cleaning |
| Uses advised against. | Professional Use Only            |

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

|           |   |
|-----------|---|
| Supplier. | Legend Brands<br>Chemspec<br>15180 Josh Wilson Road<br>Burlington, WA 98233<br>E-Mail: sds@legendbrands.com<br>800-932-3030 |
|-----------|---|

Legend Brands  
4520 Eastgate Parkway  
Mississauga, ON L4W 3W6  
800-932-3030

|                                 |  |
|---------------------------------|--|
| 1.4. Emergency telephone number | INFOTRAC 1-800-535-5053 (North America)<br>+1-352-323-3500 (International) |
|---------------------------------|--|

|                |   |
|----------------|---|
| Europe         | 112   |
| Austria        | +43 1 406 43 43   |
| Belgium        | Poison center (BE): +32 70 245 245  |
| Denmark        | Poison Control Hotline (DK): +45 82 12 12 12  |
| Finland        | Poison Information Centre (FI): +358 9 471 977  |
| France         | ORFILA (FR): + 01 45 42 59 59   |
| Germany        | Poison Center Berlin (DE): +49 030 30686 790  par Poison Center Nord: +49 551 19240<br>(24h available English / German) |
| Ireland        | National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566  |
| Iceland        | +354 543 2222   |
| Italy          | Poison Center, Milan (IT): +39 02 6610 1029   |
| Luxembourg     | 112   |
| Netherlands    | National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)  |
| Norway         | Poisons Information (NO): + 47 22 591300  |
| Portugal       | Poison Information Center (PT): +351 800 250 250  |
| Spain          | Poison Information Service (ES): +34 91 562 04 20   |
| Sweden         | Poisons Information Center (SV): +46 8 33 12 31   |
| Switzerland    | Poison Center: Tel 145; +41 44 251 51 51  |
| United Kingdom | 111 / 0300 020 0155   |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Serious Eye Damage, category 1  
Allergic effects

### 2.2. Label elements

**Signal Word**

Danger

**Hazardous ingredients which must be listed on the label**

Contains

SODIUM METABISULFITE, Ethoxylated alcohols, C9-C11

**Possible Hazards**

10.9% of the mixture consists of ingredient(s) of unknown toxicity.

10.9% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

**GHS HAZARD STATEMENTS**

EUH208 Contains D-limonene. May produce an allergic reaction.

EUH031 Contact with acids liberates toxic gas.

H318 Causes serious eye damage.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P280 Wear protective gloves, protective clothing, eye protection, face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor or physician.

**2.3. Other hazards**

EMERGENCY OVERVIEW: No Information

**SECTION 3: Composition/information on ingredients****3.1. Substances**

This product is a mixture. Health hazard information is based on its components.

**3.2. Mixtures**

| Chemical Name                | CAS-No.    | EC No.         | REACH Reg No.  | Wt. %      |
|------------------------------|------------|----------------|----------------|------------|
| Sodium sulphate              | 7757-82-6  | 231-820-9      | No Information | >=30 - <50 |
| SODIUM METABISULFITE         | 7681-57-4  | 231-673-0      | No Information | >=20 - <30 |
| Ethoxylated alcohols, C9-C11 | 68439-46-3 | No Information | No Information | >=1 - <5   |
| D-limonene                   | 5989-27-5  | 227-813-5      | No Information | <0.5       |

| Chemical Name                | Classification (1272/2008/EC)   | Specific Conc. Limits, M-factors and ATEs   |
|------------------------------|---|---|
| Sodium sulphate              | Not classified  | ATE oral (mg/kg): >10000 mg/kg Rat<br>ATE dermal (mg/kg): N.R.<br>ATE inhalation - vapor (mg/l/4h): N.R.<br>ATE inhalation - dust/mist (mg/l/4h): N.R.      |
| SODIUM METABISULFITE         | EUH031<br>Acute Tox. 4 Oral (H302)<br>Eye Dam. 1 (H318)   | ATE oral (mg/kg): 1310 mg/kg Rat<br>ATE dermal (mg/kg): N.R.<br>ATE inhalation - vapor (mg/l/4h): N.R.<br>ATE inhalation - dust/mist (mg/l/4h): N.R.        |
| Ethoxylated alcohols, C9-C11 | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)   | ATE oral (mg/kg): 5005 mg/kg<br>ATE dermal (mg/kg): 5005 mg/kg<br>ATE inhalation - vapor (mg/l/4h): 22 mg/l<br>ATE inhalation - dust/mist (mg/l/4h): 6 mg/l |
| D-limonene                   | Flam. Liq. 3 (H226)<br>Asp. Tox. 1 (H304)<br>Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 3 (H412) | ATE oral (mg/kg): 5200 mg/kg, 4400 mg/kg Rat<br>ATE dermal (mg/kg): >5000 mg/kg Rabbit<br>M-Factors: 1  |

For the full text of the H-Statements mentioned in this Section, see Section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice.

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

#### Inhalation.

Move to fresh air.

#### Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

#### Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

#### Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

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

#### Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

#### Notes to physician.

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media.

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

#### Extinguishing media which shall not be used for safety reasons.

High volume water jet.

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

No information available.

### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

## SECTION 6: Accidental release measures

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

#### Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

#### Advice for emergency responders.

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Prevent product from entering drains. See Section 12 for additional Ecological information.

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

#### Methods for Containment.

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

#### Methods for cleaning up.

Use personal protective equipment as required.

**Other information.**

No Information

**6.4. Reference to other sections**

No Information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

**Hygiene measures.**

See section 7 for more information.

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

Keep containers tightly closed in a cool, well-ventilated place.

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

No Information

**Exposure scenario.**

No Information Available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limit Values**

| Chemical Name                                 | Austria  | Belgium                  | Denmark  | European Union. | Finland  | France   |
|---|--|--------------------------|--|-----------------|--|--|
| Sodium sulphate<br>7757-82-6                  | N.D.   | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |
| SODIUM<br>METABISULFITE<br>7681-57-4          | N.D.   | TWA: 5 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup>                               | N.D.            | N.D.   | TWA: 5 mg/m <sup>3</sup>                               |
| Ethoxylated<br>alcohols, C9-C11<br>68439-46-3 | N.D.   | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |
| D-limonene<br>5989-27-5                       | N.D.   | N.D.                     | N.D.   | N.D.            | STEL: 50 ppm<br>STEL: 280 mg/<br>m <sup>3</sup><br>TWA: 25 ppm<br>TWA: 140 mg/m <sup>3</sup> | N.D.   |
| Chemical Name                                 | Germany  | Iceland                  | Ireland  | Italy           | Luxembourg   | Netherlands  |
| Sodium sulphate<br>7757-82-6                  | N.D.   | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |
| SODIUM<br>METABISULFITE<br>7681-57-4          | N.D.   | TWA: 5 mg/m <sup>3</sup> | STEL: 15 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> | N.D.            | N.D.   | N.D.   |
| Ethoxylated<br>alcohols, C9-C11<br>68439-46-3 | N.D.   | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |
| D-limonene<br>5989-27-5                       | STEL: 20 ppm<br>STEL: 112 mg/<br>m <sup>3</sup><br>TWA: 5 ppm<br>TWA: 28 mg/m <sup>3</sup> | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |
| Chemical Name                                 | Norway   | Portugal                 | Spain  | Sweden          | Switzerland  | United Kingdom   |
| Sodium sulphate<br>7757-82-6                  | N.D.   | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |
| SODIUM<br>METABISULFITE<br>7681-57-4          | STEL: 10 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup>                                     | TWA: 5 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup>                               | N.D.            | TWA: 5 mg/m <sup>3</sup>   | STEL: 15 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> |
| Ethoxylated<br>alcohols, C9-C11<br>68439-46-3 | N.D.   | N.D.                     | N.D.   | N.D.            | N.D.   | N.D.   |

| Chemical Name           | Norway   | Portugal | Spain                         | Sweden | Switzerland   | United Kingdom |
|-------------------------|--|----------|-------------------------------|--------|---|----------------|
| D-limonene<br>5989-27-5 | STEL: 37.5 ppm<br>STEL: 175 mg/<br>m3<br>TWA: 25 ppm<br>TWA: 140 mg/m3 | N.D.     | TWA: 30 ppm<br>TWA: 168 mg/m3 | N.D.   | STEL: 14 ppm<br>STEL: 80 mg/m3<br>TWA: 7 ppm<br>TWA: 40 mg/m3 | N.D.           |

TWA: Time weighted average

STEL: Short term exposure limit.

#### Derived No Effect Level (DNEL)

No Information Available

#### Predicted No Effect Concentration (PNEC)

No Information Available

### 8.2. Exposure controls

#### Engineering Measures.

Showers, eyewash stations, and ventilation systems.

#### Personal protective equipment.

#### Eye/Face Protection.

Safety glasses with side-shields.

#### Skin and body protection.

Wear suitable protective clothing.

No Information

#### Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

#### Environmental Exposure Controls.

No Information

## SECTION 9: Physical and chemical properties

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

|   |                             |
|---|-----------------------------|
| <b>Physical state</b>                         | Powder                      |
| <b>Appearance</b>                             | Powder                      |
| <b>Colour</b>                                 | White                       |
| <b>Odour</b>                                  | Fresh                       |
| <b>Odour Threshold</b>                        | No Information              |
| <b>pH</b>                                     | 6.3                         |
| <b>Melting Point, °C</b>                      | No Information              |
| <b>Flash Point, °C</b>                        | Not Applicable              |
| <b>Boiling Range, °C</b>                      | 260                         |
| <b>Combustibility</b>                         | Does not Support Combustion |
| <b>Vapor Pressure, mmHg</b>                   | No Information              |
| <b>Vapor density</b>                          | No Information              |
| <b>Specific Gravity (g/cm3)</b>               | 1.498                       |
| <b>Solubility in water</b>                    | Readily miscible            |
| <b>Partition Coefficient, n-octanol/water</b> | No Information              |
| <b>Auto-Ignition Temperature, °C</b>          | No Information              |
| <b>Decomposition temperature, °C</b>          | No Information              |
| <b>Viscosity</b>                              | No Information              |

### 9.2. Other information

**Volatile organic compounds (VOC) content.** ~1%

#### 9.2.1. Information with regard to physical hazard classes

No Information

#### 9.2.2. Other safety characteristics

No Information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None known based on information supplied.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known based on information supplied.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

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

#### Acute toxicity.

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

#### Product Information

|                  |                    |                        |
|------------------|--------------------|------------------------|
| <b>Oral LD50</b> | <b>Dermal LD50</b> | <b>Inhalation LC50</b> |
| 2,132.00         | 99,999.00          | 39.00                  |

The following values are calculated based on chapter 3.1 of the GHS document.

|                                  |               |
|----------------------------------|---------------|
| <b>ATEmix (oral)</b>             | 2,132.0 mg/kg |
| <b>ATEmix (dermal)</b>           | >5000 mg/kg   |
| <b>ATEmix (inhalation-vapor)</b> | 39.00 mg/l    |

| CAS-No.    | Chemical Name                | Oral LD50                  | Dermal LD50        | Inhalation LC50 |
|------------|------------------------------|----------------------------|--------------------|-----------------|
| 7757-82-6  | Sodium sulphate              | >10000 mg/kg Rat           | N.R.               | N.R.            |
| 7681-57-4  | SODIUM METABISULFITE         | 1310 mg/kg Rat             | N.R.               | N.R.            |
| 68439-46-3 | Ethoxylated alcohols, C9-C11 | 5005 mg/kg                 | 5005 mg/kg         | 22 mg/l         |
| 5989-27-5  | D-limonene                   | 5200 mg/kg, 4400 mg/kg Rat | >5000 mg/kg Rabbit | N.R.            |

#### Skin corrosion/irritation.

SKIN IRRITANT.

### 11.2. Information on other hazards

#### Endocrine disrupting properties

N.A.

#### Other information.

N.A.

## SECTION 12: Ecological information

### 12.1. Toxicity

35.61% of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### Ecotoxicity effects.

| Chemical Name                | Toxicity to algae | Toxicity to fish  | Toxicity to daphnia.              |
|------------------------------|-------------------|---|-----------------------------------|
| Sodium sulphate<br>7757-82-6 | N.D.              | LC50 96 h Pimephales promelas 13500 - 14500 mg/L,<br>LC50 96 h Pimephales promelas >6800 mg/L, LC50 96 h Lepomis macrochirus 3040 - 4380 mg/L, LC50 96 h Lepomis macrochirus 13500 mg/L | EC50 48 h Daphnia magna 2564 mg/L |

|  |  |  |      |
|--|--|--|------|
| SODIUM METABISULFITE<br>7681-57-4          | EC50 72 h <i>Desmodesmus subspicatus</i> 48 mg/L, EC50 96 h <i>Desmodesmus subspicatus</i> 40 mg/L | LC50 96 h <i>Lepomis macrochirus</i> 32 mg/L   | N.D. |
| Ethoxylated alcohols, C9-C11<br>68439-46-3 | N.D.   | N.D.   | N.D. |
| D-limonene<br>5989-27-5                    | N.D.   | LC50 96 h <i>Pimephales promelas</i> 0.619 - 0.796 mg/L,<br>LC50 96 h <i>Oncorhynchus mykiss</i> 35 mg/L | N.D. |

**12.2. Persistence and degradability**

No data are available on the product itself

**12.3. Bioaccumulative potential**

Discharge into the environment must be avoided.

| CAS-No.    | Chemical Name                | Bio. Conc. Factor (BCF) | Octanol-water par. Coeff (KOW) |
|------------|------------------------------|-------------------------|--------------------------------|
| 7757-82-6  | Sodium sulphate              | N.I.                    | N.I.                           |
| 7681-57-4  | SODIUM METABISULFITE         | N.I.                    | -3.7                           |
| 68439-46-3 | Ethoxylated alcohols, C9-C11 | N.I.                    | N.I.                           |
| 5989-27-5  | D-limonene                   | N.I.                    | 4.38                           |

**12.4. Mobility in soil****Mobility in soil.**

No information available

**12.5. Results of PBT and vPvB assessment**

No data are available on the product itself

**12.6. Endocrine disrupting properties**

No information available

**12.7. Other adverse effects**

No information available

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods****Waste from residues / unused products.**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging.**

No Information

**Other information.**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

## SECTION 14: Transport information

**ADR**

|                                    |                |
|------------------------------------|----------------|
| 14.1. UN number or ID number       | No Information |
| 14.2. UN proper shipping name      | not regulated  |
| 14.3. Transport hazard class(es)   |                |
| 14.4. Packing group                | No Information |
| 14.5. Environmental hazards        | No.            |
| 14.6. Special precautions for user | No Information |

**IMDG**

|                               |                |
|-------------------------------|----------------|
| 14.1. UN number or ID number  | No Information |
| 14.2. UN proper shipping name | not regulated  |

|  |                |
|--|----------------|
| <b>14.3. Transport hazard class(es)</b>                              |                |
| <b>14.4. Packing group</b>   | No Information |
| <b>14.5 Marine Pollutant</b>   | No.            |
| <b>Environmental hazards</b>   | No.            |
| <b>14.6. Special precautions for user</b>                            | No Information |
| <b>14.7. Maritime transport in bulk according to IMO instruments</b> | No Information |

**IATA**

|   |                                   |
|---|-----------------------------------|
| <b>14.1. UN number or ID number</b>       | No Information                    |
| <b>14.2. UN proper shipping name</b>      | not recommended for air transport |
| <b>14.3. Transport hazard class(es)</b>   |                                   |
| <b>14.4. Packing group</b>                | No Information                    |
| <b>14.5. Environmental hazards</b>        | No.                               |
| <b>14.6. Special precautions for user</b> | No Information                    |

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information.**

Germany WGK Classification 3

**French table of occupational diseases**

| CAS-No.   | Chemical Name        | French table of occupational diseases |
|-----------|----------------------|---------------------------------------|
| 7681-57-4 | SODIUM METABISULFITE | RG 66                                 |
| 5989-27-5 | D-limonene           | RG 84                                 |

**European Union.**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Persistent Organic Pollutants**

Not applicable

**Authorizations and/or restrictions on use:**

| CAS-No.   | Chemical Name        | Substance subject to authorization per REACH Annex XIV | Restricted substance per REACH Annex XVII |
|-----------|----------------------|--|---|
| 7681-57-4 | SODIUM METABISULFITE | No.  | Yes.                                      |
| 5989-27-5 | D-limonene           | No.  | Yes.                                      |

**EU Substances of Very High Concern**

None

**International Inventories.**

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL</b>           | Complies |
| <b>EINECS/ELINCS</b> | Complies |
| <b>ENCS</b>          | -        |
| <b>IECSC</b>         | Complies |
| <b>KECI</b>          | Complies |
| <b>PICCS</b>         | Complies |
| <b>AIC</b>           |          |



|                      |   |
|----------------------|---|
|                      | Complies  |
| <b>NZIoC</b>         | Complies  |
| <b>TSCA</b>          | United States Toxic Substances Control Act Section 8(b) Inventory.                                |
| <b>DSL</b>           | Canadian Domestic Substances List.  |
| <b>EINECS/ELINCS</b> | European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances. |
| <b>ENCS</b>          | Japan Existing and New Chemical Substances.   |
| <b>IECSC</b>         | China Inventory of Existing Chemical Substances.  |
| <b>KECL</b>          | Korean Existing and Evaluated Chemical Substances.  |
| <b>PICCS</b>         | Philippines Inventory of Chemicals and Chemical Substances.                                       |
| <b>AIC</b>           | Australian Inventory of Industrial Chemicals.   |
| <b>NZIoC</b>         | New Zealand Inventory of Chemicals.   |

## 15.2. Chemical safety assessment

No.

## SECTION 16: Other information

|                               |  |
|-------------------------------|--|
| <b>Revision Date</b>          | 5/16/2023  |
| <b>Indication of changes:</b> | Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates. |

### Legend.

|      |                           |
|------|---------------------------|
| N.D. | No data available.        |
| N.I. | No information available. |
| N.A. | Not Applicable.           |
| N.R. | Not relevant.             |

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.