

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EC)

No. 2020/878

## Cleansing solution with Calendula extract

Version number: GHS 1.0

Date of compilation: 27.10.2022

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

#### 1.1 Product identifier

|                             |  |
|-----------------------------|--|
| Trade name                  | <b>Cleansing solution with Calendula extract</b> |
| Registration number (REACH) | not relevant (mixture)                           |
| Item code                   | 6217/F6217V2                                     |

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

|                          |   |
|--------------------------|---|
| Relevant identified uses | SU3 : industrial uses: uses of substances as such or in preparations at industrial sites<br>PC35 : washing and cleaning products (including solvent based products) |
|--------------------------|---|

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

LCM  
23 rue Barthélémy Thimonnier – BP 1537  
87021 LIMOGES CEDEX 09  
Telephone: +33(0)5.55.37.53.54  
e-mail: celinebesselcm@orange.fr

#### 1.4 Emergency telephone number

|                                 |                 |
|---------------------------------|-----------------|
| Emergency information service : | 00 353 18092166 |
|---------------------------------|-----------------|

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP)

| Section | Hazard class                      | Category | Hazard class and category | Hazard statement |
|---------|-----------------------------------|----------|---------------------------|------------------|
| 2.6     | flammable liquid                  | 2        | Flam. Liq. 2              | H225             |
| 3.3     | serious eye damage/eye irritation | 2        | Eye Irrit. 2              | H319             |

For full text of abbreviations: see SECTION 16.

#### The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008 (CLP)

- **Signal word** danger

##### - **Pictograms**

GHS02, GHS07



##### - **Hazard statements.**

|      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation.      |

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### - Precautionary statements.

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P233           | Keep container tightly closed.   |
| P280           | Wear protective gloves/eye 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. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |
| P501           | Dispose of contents/container in accordance with local/regional/national/international regulations.                              |

Tactile warning of danger yes

### 2.3 Other hazards

There is no additional information.







## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

| Name of substance | Identifier  | Wt%     | Classification acc. to GHS                                     | Pictograms  | Notes           |
|-------------------|---|---------|--|---|-----------------|
| Ethyl alcohol     | CAS No<br>64-17-5<br><br>EC No<br>200-578-6<br><br>Index No<br>603-002-00-5<br><br>REACH Reg. No<br>01-2119457610-43-<br>xxxx | 50 – 75 | Flam. Liq. 2 / H225<br>Eye Irrit. 2 / H319                     |   | GHS-HC          |
| Isopropyl alcohol | CAS No<br>67-63-0<br><br>EC No<br>200-661-7<br><br>Index No<br>603-117-00-0<br><br>REACH Reg. No<br>01-2119457558-25-<br>xxxx | ≤ 1,82  | Flam. Liq. 2 / H225<br>Eye Irrit. 2 / H319<br>STOT SE 3 / H336 |   |                 |
| 2-Butanone        | CAS No<br>78-93-3<br><br>EC No<br>201-159-0<br><br>Index No<br>606-002-00-3   | ≤ 1,82  | Flam. Liq. 2 / H225<br>Eye Irrit. 2 / H319<br>STOT SE 3 / H336 |   | GHS-HC<br>IOELV |

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| Name of substance                         | Identifier                                  | Wt%   | Classification acc. to GHS  | Pictograms  | Notes |
|---|---|-------|---|---|-------|
| 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one | CAS No<br>76-22-2<br><br>EC No<br>200-945-0 | ≤ 0,2 | Flam. Sol. 2 / H228<br>Acute Tox. 4 / H302<br>Acute Tox. 4 / H332<br>STOT SE 2 / H371 |  | OEL   |

### Notes

GHS-HC: Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

IOELV: Substance with a community indicative occupational exposure limit value

OEL: Substance with a national occupational exposure limit value

| Name of substance                         | Specific Conc. Limits | M-Factors | ATE                        | Exposure route                |
|---|-----------------------|-----------|----------------------------|-------------------------------|
| 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one | -                     | -         | 1.500 mg/kg<br>1,5 mg/l/4h | oral<br>inhalation: dust/mist |

For full text of abbreviations: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

None.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

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

None. In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. un-ventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Remove persons to safety.

##### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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

##### Advice on how to contain a spill

Covering of drains

##### Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

##### Appropriate containment techniques

Use of adsorbent materials.

##### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

##### Recommendations

##### - Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

##### - Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

##### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Managing of associated risks

##### Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

##### - Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

##### Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

##### Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

#### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |                     |         |            |           |                          |            |                           |                 |                                |          |            |
|--|---------------------|---------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------|
| Country  | Name of agent       | CAS No  | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source     |
| EU   | ethyl methyl ketone | 78-93-3 | IOELV      | 200       | 600                      | 300        | 900                       |                 |                                |          | 2000/39/EC |

##### Notation

Ceiling-C  
STEL

ceiling value is a limit value above which exposure should not occur  
short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

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### Notation

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

### Relevant DNELs of components of the mixture

| Name of substance | CAS No  | Endpoint | Threshold level         | Protection goal, route of exposure | Used in           | Exposure time              |
|-------------------|---------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Ethyl alcohol     | 64-17-5 | DNEL     | 1.900 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | acute - local effects      |
| Ethyl alcohol     | 64-17-5 | DNEL     | 343 mg/kg               | human, dermal                      | worker (industry) | chronic - systemic effects |
| Ethyl alcohol     | 64-17-5 | DNEL     | 950 mg/m <sup>3</sup>   | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Isopropyl alcohol | 67-63-0 | DNEL     | 500 mg/m <sup>3</sup>   | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Isopropyl alcohol | 67-63-0 | DNEL     | 888 mg/kg bw/day        | human, dermal                      | worker (industry) | chronic - systemic effects |

### Relevant PNECs of components of the mixture

| Name of substance | CAS No  | Endpoint | Threshold level | Organism              | Environmental compartment    | Exposure time                |
|-------------------|---------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Ethyl alcohol     | 64-17-5 | PNEC     | 580 mg/l        | microorganisms        | sewage treatment plant (STP) | short-term (single instance) |
| Ethyl alcohol     | 64-17-5 | PNEC     | 3,6 mg/kg       | benthic organisms     | sediments                    | short-term (single instance) |
| Ethyl alcohol     | 64-17-5 | PNEC     | 0,96 mg/l       | aquatic organisms     | freshwater                   | short-term (single instance) |
| Ethyl alcohol     | 64-17-5 | PNEC     | 0,79 mg/l       | aquatic organisms     | marine water                 | short-term (single instance) |
| Ethyl alcohol     | 64-17-5 | PNEC     | 580 mg/l        | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| Ethyl alcohol     | 64-17-5 | PNEC     | 3,6 mg/kg       | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| Ethyl alcohol     | 64-17-5 | PNEC     | 2,75 mg/l       | aquatic organisms     | water                        | intermittent release         |
| Ethyl alcohol     | 64-17-5 | PNEC     | 0,63 mg/kg      | terrestrial organisms | soil                         | short-term (single instance) |
| Isopropyl alcohol | 67-63-0 | PNEC     | 2.251 mg/l      | microorganisms        | sewage treatment plant (STP) | short-term (single instance) |
| Isopropyl alcohol | 67-63-0 | PNEC     | 552 mg/kg       | benthic organisms     | sediments                    | short-term (single instance) |
| Isopropyl alcohol | 67-63-0 | PNEC     | 552 mg/kg       | pelagic organisms     | sediments                    | short-term (single instance) |
| Isopropyl alcohol | 67-63-0 | PNEC     | 160 mg/kg       | (top) predators       | water                        | short-term (single instance) |
| Isopropyl alcohol | 67-63-0 | PNEC     | 140,9 mg/l      | aquatic organisms     | water                        | intermittent release         |
| Isopropyl alcohol | 67-63-0 | PNEC     | 140,9 mg/l      | aquatic organisms     | freshwater                   | short-term (single instance) |
| Isopropyl alcohol | 67-63-0 | PNEC     | 140,9 mg/l      | aquatic organisms     | marine water                 | short-term (single instance) |

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| Relevant PNECs of components of the mixture |         |          |                 |                       |                              |                              |
|---|---------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance                           | CAS No  | Endpoint | Threshold level | Organism              | Environmental compartment    | Exposure time                |
| Isopropyl alcohol                           | 67-63-0 | PNEC     | 2.251 mg/l      | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| Isopropyl alcohol                           | 67-63-0 | PNEC     | 552 mg/kg       | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| Isopropyl alcohol                           | 67-63-0 | PNEC     | 552 mg/kg       | aquatic organisms     | marine sediment              | short-term (single instance) |
| Isopropyl alcohol                           | 67-63-0 | PNEC     | 28 mg/kg        | terrestrial organisms | soil                         | short-term (single instance) |

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye protection. Use of waterproof type goggles.

##### Skin protection

##### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state   | liquid   |
| Colour   | colourless to yellow   |
| Odour  | characteristic   |
| Melting point/freezing point                             | not determined   |
| Boiling point or initial boiling point and boiling range | 78 °C (Read across on ethanol)   |
| Flammability   | flammable liquid in accordance with GHS criteria   |
| Lower and upper explosion limit                          | not determined   |
| Flash point  | 21 °C (extrapolation of the flash point of an aqueous solution of ethyl alcohol (sources : ethanol's monography, Ullmann's encyclopedia of Industrial chemistry, Vol13; table 2, 2012.)) |
| Auto-ignition temperature                                | not determined   |
| Decomposition temperature                                | not relevant   |

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|   |   |
|---|---|
| pH (value)  | not determined                                |
| Kinematic viscosity                               | not determined                                |
| Solubility(ies)                                   |   |
| Water solubility                                  | not determined                                |
| Partition coefficient                             |   |
| Partition coefficient n-octanol/water (log value) | this information is not available             |
| Vapour pressure                                   | 57,26 hPa at 19,6 °C (Read across on ethanol) |
| Density and/or relative density                   |   |
| Density   | not determined                                |
| Relative vapour density                           | information on this property is not available |
| Particle characteristics                          | this information is not available             |

### 9.2 Other information

There is no additional information.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

#### If heated

Risk of ignition

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

Oxidisers

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.



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### SECTION 11: Toxicological information

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

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification according to GHS (ST/SG/AC.10/30/Rev.8, GHS)

##### Acute toxicity

Shall not be classified as acutely toxic.

| Acute toxicity estimate (ATE) of components of the mixture |         |                       |             |
|--|---------|-----------------------|-------------|
| Name of substance  | CAS No  | Exposure route        | ATE         |
| 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one                  | 76-22-2 | oral                  | 1.500 mg/kg |
| 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one                  | 76-22-2 | inhalation: dust/mist | 1,5 mg/l/4h |

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Causes serious eye irritation.

##### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

##### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

Shall not be classified as carcinogenic.

##### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

##### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

##### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

##### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

#### 11.2 Information on other hazards

There is no additional information.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

##### Aquatic toxicity (acute) of components of the mixture

| Name of substance | CAS No  | Endpoint | Value       | Species | Exposure time |
|-------------------|---------|----------|-------------|---------|---------------|
| Ethyl alcohol     | 64-17-5 | LC50     | 14,2 g/l    | fish    | 96 h          |
| Ethyl alcohol     | 64-17-5 | EC50     | 12,9 g/l    | fish    | 96 h          |
| Isopropyl alcohol | 67-63-0 | LC50     | 10.000 mg/l | fish    | 96 h          |

##### Aquatic toxicity (chronic) of components of the mixture

| Name of substance | CAS No  | Endpoint | Value        | Species               | Source   | Exposure time |
|-------------------|---------|----------|--------------|-----------------------|--|---------------|
| Ethyl alcohol     | 64-17-5 | LC50     | >0,08 mg/l   | fish                  | European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> | 42 d          |
| Ethyl alcohol     | 64-17-5 | EC50     | 22,6 g/l     | algae                 | European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> | 10 d          |
| Ethyl alcohol     | 64-17-5 | ErC50    | 675 mg/l     | algae                 | European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> | 4 d           |
| Isopropyl alcohol | 67-63-0 | LC50     | >10.000 mg/l | aquatic invertebrates |  | 24 h          |

#### 12.2 Persistence and degradability

##### Degradability of components of the mixture

| Name of substance | CAS No  | Process          | Degradation rate | Time | Method | Source   |
|-------------------|---------|------------------|------------------|------|--------|--|
| Ethyl alcohol     | 64-17-5 | oxygen depletion | 74 %             | 5 d  |        | European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> |
| Isopropyl alcohol | 67-63-0 | oxygen depletion | 53 %             | 5 d  |        | European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> |

#### 12.3 Bioaccumulative potential

##### Bioaccumulative potential of components of the mixture

| Name of substance | CAS No  | BCF | Log KOW                      | BOD5/COD |
|-------------------|---------|-----|------------------------------|----------|
| Ethyl alcohol     | 64-17-5 |     | -0,35 (pH value: 7,4, 24 °C) |          |

#### 12.4 Mobility in soil

Data are not available.

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### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Endocrine disrupting properties

Information on this property is not available.

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

### 14.1 UN number or ID number

|             |         |
|-------------|---------|
| ADR/RID/ADN | UN 1993 |
| IMDG-Code   | UN 1993 |
| ICAO-TI     | UN 1993 |

### 14.2 UN proper shipping name

|  |                           |
|--|---------------------------|
| ADR/RID/ADN                            | FLAMMABLE LIQUID, N.O.S.  |
| IMDG-Code                              | FLAMMABLE LIQUID, N.O.S.  |
| ICAO-TI                                | Flammable liquid, n.o.s.  |
| Technical name (hazardous ingredients) | Ethyl alcohol, 2-Butanone |

### 14.3 Transport hazard class(es)

|             |   |
|-------------|---|
| ADR/RID/ADN | 3 |
| IMDG-Code   | 3 |
| ICAO-TI     | 3 |

### 14.4 Packing group

|             |    |
|-------------|----|
| ADR/RID/ADN | II |
| IMDG-Code   | II |
| ICAO-TI     | II |

### 14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

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### 14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

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

#### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information**

Classification code F1

Danger label(s) 3



Special provisions (SP) 274, 601, 640D

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 L

Transport category (TC) 2

Tunnel restriction code (TRC) D/E

Hazard identification No 33

#### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Marine pollutant -

Danger label(s) 3



Special provisions (SP) 274

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 L

EmS F-E, S-E

Stowage category B

#### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Danger label(s) 3



Special provisions (SP) A3

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 L

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EC)

No. 2020/878

## Cleansing solution with Calendula extract

Version number: GHS 1.0

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### SECTION 15: Regulatory information

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

##### Relevant provisions of the European Union (EU)

##### Seveso Directive

| 2012/18/EU (Seveso III) |                                       |   |       |
|-------------------------|---------------------------------------|---|-------|
| No                      | Dangerous substance/hazard categories | Qualifying quantity (tonnes) for the application of lower and upper-tier requirements | Notes |
| P5c                     | flammable liquids (cat. 2, 3)         | 5.000 50.000  | 51)   |

Notation

51) flammable liquids, categories 2 or 3 not covered by P5a and P5b

#### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

| Abbr.       | Descriptions of used abbreviations  |
|-------------|---|
| 2000/39/EC  | Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC   |
| Acute Tox.  | Acute toxicity  |
| ADN         | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR         | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)   |
| ADR/RID/ADN | Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)   |
| ATE         | Acute Toxicity Estimate   |
| BCF         | Bioconcentration factor   |
| BOD         | Biochemical Oxygen Demand   |
| CAS         | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| Ceiling-C   | Ceiling value   |
| CLP         | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  |
| COD         | Chemical oxygen demand  |
| DGR         | Dangerous Goods Regulations (see IATA/DGR)  |
| DNEL        | Derived No-Effect Level   |
| EC50        | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval                                      |
| EC No       | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)                                     |
| EINECS      | European Inventory of Existing Commercial Chemical Substances   |
| ELINCS      | European List of Notified Chemical Substances   |

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| Abbr.      | Descriptions of used abbreviations  |
|------------|---|
| EmS        | Emergency Schedule  |
| ErC50      | ≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control  |
| Eye Dam.   | Seriously damaging to the eye   |
| Eye Irrit. | Irritant to the eye   |
| Flam. Liq. | Flammable liquid  |
| Flam. Sol. | Flammable solid   |
| GHS        | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations (ST/SG/AC.10/30/Rev.8)  |
| IATA       | International Air Transport Association   |
| IATA/DGR   | Dangerous Goods Regulations (DGR) for the air transport (IATA)  |
| ICAO       | International Civil Aviation Organization   |
| ICAO-TI    | Technical instructions for the safe transport of dangerous goods by air   |
| IMDG       | International Maritime Dangerous Goods Code   |
| IMDG-Code  | International Maritime Dangerous Goods Code   |
| index No   | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008  |
| IOELV      | Indicative occupational exposure limit value  |
| LC50       | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval                       |
| log KOW    | n-Octanol/water   |
| NLP        | No-Longer Polymer   |
| PBT        | Persistent, Bioaccumulative and Toxic   |
| PNEC       | Predicted No-Effect Concentration   |
| ppm        | Parts per million   |
| REACH      | Registration, Evaluation, Authorisation and Restriction of Chemicals  |
| RID        | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| STEL       | Short-term exposure limit   |
| STOT SE    | Specific target organ toxicity - single exposure  |
| TWA        | Time-weighted average   |
| vPvB       | Very Persistent and very Bioaccumulative  |

### Key literature references and sources for data

Supplier.  
ECHA.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

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### Classification procedure

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                                |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H228 | Flammable solid.                    |
| H302 | Harmful if swallowed.               |
| H319 | Causes serious eye irritation.      |
| H332 | Harmful if inhaled.                 |
| H336 | May cause drowsiness or dizziness.  |
| H371 | May cause damage to organs.         |

### Disclaimer

This document has been prepared in compliance with the Regulation (EU) 878/2020 of the Commission of 18 June 2020 and the classification has been carried out in compliance with the Regulation (EC) 1272/2008 of the Parliament and the Council of 16 December 2008, from available data on the substance (s) or the mixture concerned by this document at its release date.

Information mentioned in this document is intended to ensure, safety on handling, use, processing, storage, transport, and placing on the market of the substance or the mixture.

This information may not be valid, if the substance or the mixture concerned by this document is used for another usage than the one mentioned in section 1 of this document.

The recipient of this safety data sheet remains responsible for its transmission within the downstream supply chain.