Care & Protect Liquid Wipes

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

1.1. Product identifier
Trade name/designation:

Care & Protect Liquid Wipes

Article No.:
T171072

*
1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture:
Detergent Cleaning and care of plastic surfaces.
Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

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2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP]
Additional information:
EUH208: Contains benzyl alcohol. May cause allergic reactions.
EUH 210: Safety data sheet available on request.

*
2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard statements: none

Supplemental hazard information	
EUH208	Contains benzyl alcohol. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Precautionary statements: none

*
2.3. Other hazards
Other adverse effects:
Contains no PBT/vPvB substances ≥ 0.1%, assessed according to REACH Annex XIII.
Contains no endocrine disruptor (ED) (in a concentration of ≥ 0.1 %).

SECTION 3: Composition/information on ingredients

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3.2. Mixtures
Additional information:
The product does not contain any (further) ingredients that are classified according to the current knowledge of the supplier and contribute to the classification of the product and therefore need to be specified in this section.

Care & Protect Liquid Wipes

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 100-51-6 EC No.: 202-859-9 Index No.: 603-057-00-5 REACH No.: 01-2119492630-38-XXXX	**benzyl alcohol** Acute Tox. 4 (H302), Eye Irrit. 2 (H319), Skin Sens. 1B (H317) Warning **Acute Toxicity Estimate** ATE (oral) 1,200 mg/kg ATE (dermal) 2,000 mg/kg **Additional information:** Harmonised (legal) classification.	< 1 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

* 4.1. Description of first aid measures

General information:
Do not leave affected person unattended. Remove victim out of the danger area. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not allow anything to be taken by mouth. Remove contaminated, saturated clothing immediately. When in doubt or if symptoms are observed, get medical advice.

Following inhalation:
Provide fresh air. In the event of irregular breathing or respiratory arrest, seek medical assistance immediately and initiate first aid measures. In case of respiratory tract irritation, consult a physician.

In case of skin contact:
Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:
Rinse opened eye immediately with plenty of water for at least 15 minutes. Remove contact lenses. If symptoms persist, consult a doctor.

Following ingestion:
If swallowed, rinse mouth with water (only if the victim is conscious). Call a doctor if you feel unwell.

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

No known symptoms to date.

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

For advice from a specialist, doctors should contact the Poison Control Centre.

SECTION 5: Firefighting measures

* 5.1. Extinguishing media

Suitable extinguishing media:
Spray water, Dry extinguishing powder, Carbon dioxide (CO2), Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:
Water in full jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:
In case of fire: Toxic vapours can be released.

* 5.3. Advice for firefighters

Do not inhale explosion and combustion gases. Co-ordinate fire-fighting measures to the fire surroundings. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Fight fire with normal precautions from a reasonable distance.
Special protective equipment for firefighters: Wear self-contained respiratory equipment. (EN 133).

SECTION 6: Accidental release measures

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

6.1.1. For non-emergency personnel

Personal precautions:
Remove persons to safety. Ventilate affected area.

6.1.2. For emergency responders

Personal protection equipment:
Use respiratory protection when exposed to vapours/dust/aerosol. Use personal protective equipment as required.

* **6.2. Environmental precautions**

Do not allow to enter drains/surface water/ground water. Retain contaminated washing water and dispose it.

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

For containment:
Cover drains. Allow to be absorbed by absorbent material.

For cleaning up:
Wipe up with absorbent material (eg. cloth, fleece).

Other information:
Take up mechanically, placing in appropriate containers for disposal. Ventilate affected area.

* **6.4. Reference to other sections**

SECTION 5: Firefighting measures
SECTION 8: Exposure controls/personal protection
SECTION 10: Stability and reactivity
SECTION 13: Disposal considerations

SECTION 7: Handling and storage

* **7.1. Precautions for safe handling**

Protective measures

Fire prevent measures:
Ensure good ventilation/extraction at the workplace. Use only in well-ventilated areas.

Advices on general occupational hygiene

Wash hands thoroughly after handling. When using do not eat, drink, smoke, sniff. Remove contaminated clothing and protective equipment before entering areas where food will be served. Store separately from food. Keep/Store only in original container. Keep away from food, drink and animal feed.

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

Technical measures and storage conditions:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Requirements for storage rooms and vessels:
Avoid high temperatures or direct sunlight. Protect from frost. Store in a well-ventilated place. Keep container tightly closed. Keep only in original packaging.

Hints on storage assembly:
Keep away from: alkalines Oxidising substances Acids

Storage class (TRGS 510, Germany): 10 – Combustible liquids that cannot be assigned to any of the above storage classes

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

Recommendation:
See section 1.2.

SECTION 8: Exposure controls/personal protection

* **8.1. Control parameters**

No data available

* **8.2. Exposure controls**

8.2.1. Appropriate engineering controls

Ensure good ventilation/extraction at the workplace. Offer eye showers and emergency showers at the workplace.

8.2.2. Personal protection equipment



Eye/face protection:

Safety goggles with side protection (EN 166).

Skin protection:

Hand protection:
Wear protective gloves. Chemical protective gloves (according to European standard EN 374 or equivalent). Check leak tightness/impermeability prior to use. 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. The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.
Glove material: NBR (Nitrile rubber)
Breakthrough time: >10 min.

Body protection:
Protective clothing. (EN 340 & EN ISO 13688)

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Full-/half-/quarter-face masks (EN 136/140)

Other protection measures:

Take recovery periods for skin regeneration. Preventive skin protection through the use of skin protectants is recommended. Wash hands thoroughly after handling.

8.2.3. Environmental exposure controls

Avoid release to the environment. Do not allow to enter drains/surface water/ground water.

SECTION 9: Physical and chemical properties

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

Appearance

Physical state: Liquid
Colour: white
Odour: characteristic
flammability: No data available

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	7		
Melting point	0 °C		② related to a component of the mixture
Freezing point	0 °C		② related to a component of the mixture
Initial boiling point and boiling range	100 °C		② related to a component of the mixture
Flash point	> 100 °C		
Evaporation rate	*No data available*		
Auto-ignition temperature	*No data available*		
Upper/lower flammability or explosive limits	*No data available*		
Vapour pressure	2.3 kPa	20 °C	② related to a component of the mixture
Vapour density	*No data available*		
Density	1.01 kg/L		

Parameter	Value	at °C	① Method ② Remark
Bulk density	*not applicable*		
Water solubility	*No data available*		
Dynamic viscosity	1.01 Pa* s	40 °C	
Kinematic viscosity	< 10 cSt		

9.2. Other information
May burn, but not highly flammable.

SECTION 10: Stability and reactivity

* **10.1. Reactivity**
This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability
The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
No known hazardous reactions.

* **10.4. Conditions to avoid**
None known

* **10.5. Incompatible materials**
Oxidizing agent

* **10.6. Hazardous decomposition products**
Under normal conditions of storage and use, no hazardous decomposition products should be formed.
Hazardous combustion products See section 5.

SECTION 11: Toxicological information

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

benzyl alcohol CAS No.: 100-51-6 EC No.: 202-859-9
ATE (oral)[1]: 1,200 mg/kg
LD_{50} oral: 1,620 mg/kg (Ratte)
LD_{50} dermal: 2,000 mg/kg (Kaninchen)

[1]: Acute Toxicity Estimate. Harmonised (legal) classification.

Skin corrosion/irritation:
Is not classified as skin corrosive/irritant.

Serious eye damage/irritation:
Is not classified as seriously damaging or irritating to the eyes.

Respiratory or skin sensitisation:
May cause allergic reactions.

Germ cell mutagenicity:
Is not to be classified as germ cell mutagenic (mutagenic).

Carcinogenicity:
Is not to be classified as carcinogenic.

Reproductive toxicity:
Is not classified as toxic for reproduction.

STOT-single exposure:
Is not to be classified as specific target organ toxicant (single exposure).

STOT-repeated exposure:
Shall not be classified as specific target organ toxicant (repeated exposure).

Aspiration hazard:
Is not to be classified as an aspiration hazard.

11.2. Information on other hazards

Endocrine disrupting properties:
Contains no endocrine disruptor (ED) (in a concentration of ≥ 0.1 %)

SECTION 12: Ecological information

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12.1. Toxicity

benzyl alcohol CAS No.: 100-51-6 EC No.: 202-859-9
LC_{50}: 460 mg/L 4 d (Fisch)
EC_{50}: 230 mg/L 2 d (daphnia)
EC_{50}: 700 mg/L 3 d (Alge)
LC_{50}: 770 mg/L 1 d (fish)
EC_{50}: 230 mg/L 2 d
ErC_{50}: 770 mg/L 3 d (Algae/water plant)
NOEC: 310 mg/L 3 d (Algae/water plant)
LC_{50}: 770 mg/L (fish)
NOEC: 48.9 mg/L (fish)

*
12.2. Persistence and degradability

Additional information:
The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

benzyl alcohol CAS No.: 100-51-6 EC No.: 202-859-9
Results of PBT and vPvB assessment: —

Contains no PBT/vPvB substances ≥ 0.1%, assessed according to REACH Annex XIII.

12.6. Endocrine disrupting properties

Contains no endocrine disruptor (ED) (in a concentration of ≥ 0.1 %)

*
12.7. Other adverse effects

water hazard class 3: highly hazardous to water

SECTION 13: Disposal considerations

*
13.1. Waste treatment methods

Do not allow to enter drains/surface water/ground water. Avoid release to the environment. Dispose of waste according to applicable legislation. Waste must be separated in such a way that it can be treated separately by the municipal or national waste disposal facilities.

Waste treatment options

Appropriate disposal / Package:
Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments
No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation
Restrictions on use:
Restrictions on use (REACH, Annex XVII) R3, Number 3; R75, Number 75
Substances of Very High Concern (SVHC) according to REACH, Article 57: None of the ingredients are included.
Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013: None of the ingredients are included.
Regulation (EC) No. 648/2004 [Detergents regulation]: < 5 % non-ionic surfactants; Fragrances, Preservative
Regulation (EC) 2019/1021 [POP Regulation]: None of the ingredients are included.

15.1.2. National regulations
No data available

15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

* **16.1. Indication of changes**

1.2.	Relevant identified uses of the substance or mixture and uses advised against
2.1.	Classification of the substance or mixture
2.2.	Label elements
2.3.	Other hazards
3.2.	Mixtures
4.1.	Description of first aid measures
4.3.	Indication of any immediate medical attention and special treatment needed
5.1.	Extinguishing media

5.3.	Advice for firefighters
6.1.	Personal precautions, protective equipment and emergency procedures
6.2.	Environmental precautions
6.3.	Methods and material for containment and cleaning up
6.4.	Reference to other sections
7.1.	Precautions for safe handling
7.2.	Conditions for safe storage, including any incompatibilities
7.3.	Specific end use(s)
8.1.	Control parameters
8.2.	Exposure controls
9.1.	Information on basic physical and chemical properties
10.1.	Reactivity
10.4.	Conditions to avoid
10.5.	Incompatible materials
10.6.	Hazardous decomposition products
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
12.1.	Toxicity
12.2.	Persistence and degradability
12.7.	Other adverse effects
13.1.	Waste treatment methods
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
16.1.	Indication of changes
16.2.	Abbreviations and acronyms

*
16.2. Abbreviations and acronyms

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
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC_{50}	Effective Concentration 50%
EN	European Standard
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC_{50}	Lethal (fatal) Concentration 50%
LD_{50}	Lethal (fatal) Dose 50%
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

16.3. Key literature references and sources for data
No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
No data available

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

16.6. Training advice
No data available

16.7. Additional information
To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.