

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Includal Wipes

Revision date: 17.10.2022

Product code: 00320-0099-GHS

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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

Tissues for disinfection (ready for use)

1.3. Details of the supplier of the safety data sheet

Company name:	Peter Greven Physioderm GmbH	
Street:	Procter-&-Gamble-Str. 26	
Place:	53881 Euskirchen	
Telephone:	+49 (2251) 77 617-0	Telefax: +49 (2251) 77 617-44
e-mail:	info@pgp-hautschutz.de	
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
 In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Flam. Liq. 3; H226

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H226 Flammable liquid and vapour.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container to approved disposal company or local collection.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Inhalation of vapours in high concentration can cause narcotic effects.

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SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Clothes impregnated with alcoholic disinfectant

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	Ethanol			< 50 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
64-17-5	200-578-6	Ethanol	< 50 %
	Eye Irrit. 2; H319: >= 50 - 100		

Further Information

Specific concentration limits

Ethanol

C > 50% => H319

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

After contact with skin

No special measure necessary.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If eye irritation persists, consult a specialist.

After ingestion

Rinse mouth.

Do not induce vomiting.

Consult a physician.

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

Contact with eyes may cause irritation.

May cause irritation of the mucous membranes.

Inhalation of vapours in high concentration can cause narcotic effects.

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

Treat symptoms.

SECTION 5: Firefighting measures

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5.1. Extinguishing media**Suitable extinguishing media**Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.**Unsuitable extinguishing media**

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire may produce:

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

5.3. Advice for firefighters

Use breathing apparatus with independent air supply.

Protective suit.

Additional information

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Ensure adequate ventilation.

Keep away noninvolved persons.

For non-emergency personnel

Avoid contact with skin, eyes and clothing.

For emergency responders

In case of vapour formation use respirator.

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

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

No special measures required.

For cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

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

Avoid contact with eyes.

Use only in thoroughly ventilated areas.

Advice on protection against fire and explosion

Do not smoke - volatile.

Keep away from open flames, hot surfaces and sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.
Protect against direct sun radiation.

Hints on joint storage

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Tissues for disinfection (ready for use)

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Do not inhale vapours.
Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.
Remove and wash contaminated clothes before re-use.

Eye/face protection

Safety goggles (EN 166).

Hand protection

Also suitable are gloves made of:
Polychloropren - CR (0,5 mm): Breakthrough time > 8 h
Nitrile rubber/nitrile latex - NBR (0,35 mm): Breakthrough time > 8 h
Butyl rubber - Butyl (0,5 mm): Breakthrough time > 8 h
Fluoro-rubber - FKM (0.4 mm): Breakthrough time > 8 h
Polyvinyl chloride - PVC (0.5 mm): Breakthrough time > 8 h
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Non-woven fabric, impregnated
Colour:	White
Odour:	Alcoholic

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Test method

pH-Value (at 20 °C): 6 - 8 *)

Changes in the physical state

Melting point/freezing point: n.d.

Boiling point or initial boiling point and boiling range: approx. 85 °C *)

Sublimation point: n.a.

Softening point: n.a.

Flash point: approx. 25 °C *)

Sustaining combustion: Sustaining combustion

Flammability

Solid/liquid: n.a.

Gas: n.a.

Explosive properties

The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated.

Lower explosion limits: 3,4 vol. % *)

Upper explosion limits: n.d. *)

Auto-ignition temperature: > 425 °C *)

Self-ignition temperature

Solid: n.a.

Gas: n.a.

Decomposition temperature: n.d.

Oxidizing properties

Not oxidising.

Vapour pressure: n.d.

Density: approx. 0,932 g/cm³ *)

Bulk density: n.a.

Water solubility: Miscible *)

Solubility in other solvents

n.d.

Partition coefficient n-octanol/water: n.d.

Viscosity / dynamic: n.a.

Viscosity / kinematic: n.a.

Flow time: n.a.

Relative vapour density: n.d.

Evaporation rate: n.d.

Solvent separation test: n.a.

Solvent content: < 50 %

9.2. Other information

*) All data refer to the solution

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4. Conditions to avoid

Heating can release vapours which can be ignited.

10.5. Incompatible materials

oxidizing agents

10.6. Hazardous decomposition products

No known hazardous decomposition products.

Fire may produce:

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

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.

No toxicological data available.

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

11.2. Information on other hazards**Endocrine disrupting properties**

No data available

Other information

Contact with eyes may cause irritation.

May cause irritation of the mucous membranes.

Inhalation of vapours in high concentration can cause narcotic effects.

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

Skin compatibility of this product proved with dermatological certificate.

SECTION 12: Ecological information**12.1. Toxicity**

Ecological data are not available.

12.2. Persistence and degradability

No data available

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Ethanol: Readily biodegradable (to OECD criteria).

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Low hazard to waters.

Further information

Do not discharge into surface waters/groundwater.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Can be incinerated, when in compliance with local regulations.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information**Land transport (ADR/RID)**

<u>14.1. UN number:</u>	UN 3175
<u>14.2. UN proper shipping name:</u>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)
<u>14.3. Transport hazard class(es):</u>	4.1
<u>14.4. Packing group:</u>	II
Hazard label:	4.1



Classification code:	F1
Limited quantity:	1 kg / 30 kg
Excepted quantity:	E2
Transport category:	2
Hazard No:	40
Tunnel restriction code:	E

Inland waterways transport (ADN)

<u>14.1. UN number:</u>	UN 3175
<u>14.2. UN proper shipping name:</u>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

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14.3. Transport hazard class(es): 4.1**14.4. Packing group:** II

Hazard label: 4.1



Classification code: F1

Limited quantity: 1 kg / 30 kg

Excepted quantity: E2

Marine transport (IMDG)**14.1. UN number:** UN 3175**14.2. UN proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)**14.3. Transport hazard class(es):** 4.1**14.4. Packing group:** II

Hazard label: 4.1



Marine pollutant: No

Limited quantity: 1 kg / 30 kg

Excepted quantity: E2

EmS: F-A, S-I

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number:** UN 3175**14.2. UN proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)**14.3. Transport hazard class(es):** 4.1**14.4. Packing group:** II

Hazard label: 4.1



Limited quantity Passenger: 5 kg

Passenger LQ: Y441

Excepted quantity: E2

IATA-packing instructions - Passenger: 445

IATA-max. quantity - Passenger: 15 kg

IATA-packing instructions - Cargo: 448

IATA-max. quantity - Cargo: 50 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Take the usual precautions when handling with chemicals.

14.7. Maritime transport in bulk according to IMO instruments

The transport takes place only in approved and appropriate packaging.

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

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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 40

2004/42/EC (VOC): 45 % (*) All data refer to the solution)
 Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

Changes in section: 2,6,7,9,10,11,12,16

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 IMDG = International Maritime Code for Dangerous Goods
 IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
 MARPOL = International Convention for the Prevention of Pollution from Ships
 IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
 CAS = Chemical Abstract Service
 EN = European norm
 ISO = International Organization for Standardization
 DIN = Deutsche Industrie Norm
 PBT = Persistent Bioaccumulative and Toxic
 vPvB = Very Persistent and very Bio-accumulative
 LD = Lethal dose
 LC = Lethal concentration
 EC = Effect concentration
 IC = Median immobilisation concentration or median inhibitory concentration

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H319 Causes serious eye irritation.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of

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accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

The provision of the safety data sheet does not automatically guarantee the marketability of the product.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)