



T H E
**HYGIENE
COMPANY**

MSDS

SAFETY DATA SHEET
ANTIBACTERIAL WIPES
RECYCLABLE



GRANGE EUROPE LTD.
T/A The Hygiene COMPANY

+44 1268 710209
info@thehygienecompany.com
thehygienecompany.com

This MSDS (Material Safety Data Sheet) provides crucial safety data and handling information pertinent to the chemical product(s) it describes. Its purpose is to inform users about the potential hazards of the substance, safe handling practices, emergency control measures, and environmental considerations. This MSDS (Material Safety Data Sheet) provides crucial safety data and handling information pertinent to the chemical product(s) it describes. Its purpose is to inform users about the potential hazards of the substance, safe handling practices, emergency control measures, and environmental considerations.

It applies to all of the products below. For further clarification on how this MSDS safety data applies to your specific products, please contact us on **01268 710 209** or email us at **info@thehygienecompany.com**



4x500 RECYCLABLE



4x600 RECYCLABLE



4x1000 RECYCLABLE



SS4 12x200 REFILLS



SS5 600 BUCKET



SS4 500 BUCKET



SS4 600 BUCKET



SS4 1000 BUCKET



GYM WIPES 600 BUCKET



GYM WIPES 1000 BUCKET



GYM WIPES 4x600 REFILL



GYM WIPES 4x1000 REFILL

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Revision: June 17th, 2025

Trade name: Antibacterial Wipes

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

1.1 Product identifier

Trade name: Antibacterial Wipes

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

Application of the substance / the mixture Cleaning

1.3 Details of the supplier of the safety data sheet:

Manufacturer/Supplier

Company: Grange Europe Ltd

Address: Cox Green, Church Road, Essex

Post code: CM11 1PS

Tel: +44 1268 710 209

E-mail: info@thehygienecompany.com

Only Representative / other EU contact point: Grange Europe Ltd

1.4 Emergency telephone number: +86-0571-86959811 / +44 1268 710 209

1.5 Remark: This SDS is created on the basis of the evaluation of liquid in product.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 2020/878



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

Eye Irrit. 2 H319 Causes serious eye irritation

Aquatic Chronic. 3 H412 Harmful to aquatic life with long lasting effects

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of Regulation 2020/878.

Classification system:

The classification is according to the latest edition of EU Regulation 2020/878, and extended by company and literature data.

2.2 Label elements

Labelling according to Regulation (EC) No 2020/878

The product is classified and labelled according to CLP Regulation.

Hazard pictograms



GHS07



GHS05

Signal word: Warning

Hazard-determining components of labelling:

Phenoxyethanol

Ethylhexylglycerin

Benzalkonium Chloride

Hazard pictogram:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary statements:

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

Response

P301+P317 IF SWALLOWED: Get medical help.

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P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P316 Get emergency medical help immediately.

P317 Get medical help.

P321 Specific treatment (see on this label).

P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

3.1 Mixtures:

Description:

Mixture of substances listed below with nonhazardous additions.

Additional information:

For the wording of the listed hazard statements refer to section 16.

Components:

CAS: 122-99-6 EINECS: 204-589-7 INDEX NO.: 603-098-00-9	Phenoxyethanol ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	0.25%
CAS: 70445-33-9 EINECS: 408-080-2 INDEX NO.: 603-168-00-9	Ethylhexylglycerin ⚠ Eye Dam. 1, H318; Aquatic Chronic 3, H412	0.05%
CAS: 68424-85-1 EINECS: 270-325-2	Benzalkonium Chloride ⚠ Acute Tox. 4, H302; Skin Corr. 1B, H314	0.20%
CAS: 27479-28-3 EINECS: 248-486-5	Dodecyl(ethylbenzyl)dimethylammonium chloride Not classified.	0.15%
CAS: 57-55-6 EINECS: 200-338-0	Propylene Glycol Not classified.	0.20%
CAS: 7732-18-5 EINECS: 231-791-2	Water	99.25%

SECTION 4: First aid measures

4.1 Description of first aid measures:

General description:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air and to be sure call for a doctor.

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In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth with water.

Never give anything by mouth to an unconscious person. Call for a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes.

Avoid contact with skin.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Prevent formation of aerosols.

Avoid contact with skin and eyes.

For the general occupational hygienic measures refer to section 8.

Information about fire - and explosion protection:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well-sealed receptacles.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

122-99-6 Phenoxyethanol

MAK: 5.7 mg/m³, 1 ppm; peak limitation category: I(1); pregnancy risk group: C

57-55-6 Propylene Glycol

MAK (Germany) Long-term value: 474* mg/m³, 150* ppm *total vapour and particulates *particulates

DNELs: Data not available

PNECs: Data not available

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Based on composition shown in Section 3, the following measures are suggested for occupational safety measure:

Appropriate engineering controls:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

See Section 7 for information about design of technical facilities.

Personal protective equipment:

Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Colour:

Colourless to yellow transparent

Odour:

Characteristic scent

Odour threshold:

Data not available

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PH-value (0.80% Diluent):	6.0~9.0
Change in condition	
Melting point/Melting range:	Data not available.
Boiling point/Boiling range:	Data not available
Freezing point:	Data not available
Flash point:	Data not available
Flammability (solid, gaseous):	Not applicable
Auto-Ignition temperature:	Data not available
Decomposition temperature:	Data not available
Self-igniting:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Data not available.
Upper:	Data not available.
Vapour pressure:	Data not available.
Density:	Data not available.
Relative density	Data not available.
Vapour density	Data not available.
Evaporation rate	Data not available.
Solubility in / Miscibility with water:	Data not available
Partition coefficient (n-octanol/water):	Data not available
Viscosity:	
Dynamic:	Data not available.
Kinematic:	Data not available.
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: No decomposition if used according to specification.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effect

Acute toxicity

Harmful if swallowed.

LD/LC50 values relevant for classification:

122-99-6 Phenoxyethanol

Oral	LD50	1840 mg/kg bw (rat) female
Inhalation	LC50	> 1 000 mg/m ³ air (rat) male/female
Dermal	LD50	14 391 mg/kg (rat)

70445-33-9 Ethylhexylglycerin

Oral	LD50	2 000 mg/kg bw (rat)
Inhalation	LC50	3.07mg/L air (rat)
Dermal	LD50	2 000 mg/kg bw (rat)

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68424-85-1 Benzalkonium Chloride		
Oral	LD50	280.8 mg/kg (rat) females ADBAC
57-55-6 Propylene Glycol		
Oral	LD50	22 000 mg/kg bw (rat)
Inhalation	LC50	> 317 042 mg/m ³ (rabbit)
Dermal	LD50	> 2 000mg/kg (rabbit)

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

May cause respiratory irritation.

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.

SECTION 12: Ecological information

12.1 Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

12.7 Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14 Transport information

14.1 UN-Number	
ADR, RID, ADN, IMDG, IATA	Not applicable
14.2 UN proper shipping name	
ADR, RID, ADN, IMDG, IATA	Not applicable
14.3 Transport hazard class(es)	
ADR, RID, ADN, IMDG, IATA	
Class	Not applicable

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14.4 Packing group	
ADR, RID, ADN, IMDG, IATA	Not applicable
14.5 Environmental hazards	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
14.8 Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	-

SECTION 15 Regulatory information

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

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

Named dangerous substances - ANNEX I: None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (20/6/2016)

None of the ingredients is listed.

REACH Regulation Annex XVII Restriction (24/6/2016)

See Section 16 for information about restriction of use.

None of the ingredients is listed.

REACH Regulation Annex XIV Authorization List (14/8/2014)

None of the ingredients is listed.

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

SECTION 16 Other information

Relevant hazard statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

The contents and format of this SDS are in accordance with Regulation (EC) No 2020/878.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3:

Flammable liquids – Category 3

Flam. Sol. 2: Flammable solids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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