

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Revision date: 20/12/2022 Supersedes version of: 06/05/2019 Version: 3.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking					
1.1. Product identifier					
Product form Trade name UFI Product code	:	 Mixture GOJO® ANTIMICROBIAL PLUS FOAM HANDWASH PP00-901G-600F-F9TF 1348-03-EEU / 1948-02-EEU / 5148-03-EEU / 5348-02-EEU / 5748-06-EEU / 8748-04-EEU / 8848-03-EEU 			
Type of product Product group	:	End pro	l products (e.g. Disinfectants, pe iduct	st control)	
1.2. Relevant ide	ntified uses of the substance	e or mix	ture and uses advised again	inst	
		Profess Disinfed	ional use ctant		
1.3. Details of th	e supplier of the safety data	sheet			
Manufacturer LABORATOIRES PRODENE KLINT 8, rue Léon Jouhaux 77183 Croissy Beaubourg France T +33 (0)1 60 95 49 00 info@gojo.fr			Importer GOJO INDUSTRIES-EUROPE LIMITED Units 5 & 6 Stratus Park MK10 0DE Brinklow, Milton Keynes United Kingdom T +44 (0) 1908 588 444 info@gojo.fr		
1.4. Emergency telephone number					
Country	Organisation/Company		Address	Emergency number	Comment

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP] Serious eye damage/eye irritation, Category 2 Hazardous to the aquatic environment – Chronic Hazard, Category 3 Full text of H- and EUH-statements: see section 16	H319 H412
Adverse physicochemical, human health and environmental effects Causes serious eye irritation. Harmful to aquatic life with long lasting effect 2.2. Label elements	ts.
Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP)	

111

0845 4647

Signal word (CLP)

United Kingdom

NHS 111/NHS 24/NHS Direct

GHS07

: Warning

or call a doctor

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Hazard statements (CLP)	: H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P102 - Keep out of reach of children. P273 - Avoid release to the environment. 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. P312 - Call a POISON CENTER if you feel unwell. P501 - Dispose of contents and container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
PROPYLENE GLYCOL substance with national workplace exposure limit(s) (GB, HR, IE, LT, LV, PL, NO)	CAS-No.: 57-55-6 EC-No.: 200-338-0 REACH-no: 01-2119456809- 23	5 – 15	Not classified
GLYCERIN substance with national workplace exposure limit(s) (BE, CZ, DE, EE, ES, FI, FR, GB, GR, HR, PL, SI, SK, CH)	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987- 18	0-2	Not classified
CHLORHEXIDINE DIGLUCONATE (Active substance (Biocide))	CAS-No.: 18472-51-0 EC-No.: 242-354-0 REACH-no: 01-2119946568- 22	1.5	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
LAURAMINE OXIDE	CAS-No.: 1643-20-5 EC-No.: 216-700-6 REACH-no: 01-2120068065- 58	0 – 0.5	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation First-aid measures after eye contact	 Remove person to fresh air and keep comfortable for breathing. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.		
5.2. Special hazards arising from the subs	5.2. Special hazards arising from the substance or mixture		
Hazardous decomposition products in case of fire	: Toxic fumes may be released.		
5.3. Advice for firefighters			
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.		

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective eq	uipment and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Avoid contact with eyes.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
6.2. Environmental precautions		

Avoid release to the environment.		
6.3. Methods and material for con	ntainment and cleaning up	
Methods for cleaning up	: Take up liquid spill into absorbent material.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

For further information refer to section 13.

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	 Ensure good ventilation of the work station. Avoid contact with eyes. Wear personal protective equipment. 	
Hygiene measures	: Do not eat, drink or smoke when using this product.	
7.2. Conditions for safe storage, in	cluding any incompatibilities	
Storage conditions Storage temperature	 Store in a well-ventilated place. Keep cool. 4 - 40 °C 	
7.3. Specific end use(s)		
No additional information available		

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

PROPYLENE GLYCOL (57-55-6)		
United Kingdom - Occupational Exposure Limits		
Local name	Propane-1,2-diol	
WEL TWA (OEL TWA) [1]	10 mg/m ³ particulates 474 mg/m ³ total vapour and particulates	
WEL TWA (OEL TWA) [2]	150 ppm total vapour and particulates	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
GLYCERIN (56-81-5)		
United Kingdom - Occupational Exposure Limits		
Local name Glycerol		
WEL TWA (OEL TWA) [1]	10 mg/m³ mist	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Avoid contact with eyes

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	Not applicable
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Not available
Explosive limits	:	Not available
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
pH	:	5.5 – 6
pH solution concentration	:	100 %
Viscosity, kinematic	:	Not available
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Density	:	Not available
Relative density	:	1 – 1.02
Relative vapour density at 20°C	:	Not available
Particle characteristics	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information			
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (oral): Not classifiedAcute toxicity (dermal): Not classifiedAcute toxicity (inhalation): Not classified			
LAURAMINE OXIDE (1643-20-5)			
LD50 oral rat	= 1064 mg/kg		
LD50 oral	1080 mg/kg bodyweight		
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))		
PROPYLENE GLYCOL (57-55-6)			
LD50 oral rat	= 22000 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit		
LC50 Inhalation - Rat	> 44.9 mg/l air Animal: rat, Guideline: other:, Remarks on results: other:		
GLYCERIN (56-81-5)			
LD50 oral rat	27 mg/kg bodyweight Animal: rat, Animal sex: female		
LD50 oral	25000 mg/kg bodyweight		
LD50 dermal > 18700 mg/kg bodyweight			
LC50 Inhalation - Rat (Dust/Mist)	50100 mg/l		
CHLORHEXIDINE DIGLUCONATE (18472-51-	0)		
LD50 oral rat	> 2000 mg/kg		
LD50 oral	> 5000 mg/kg bodyweight		
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: other:		
Skin corrosion/irritation :	Not classified pH: 5.5 – 6		
CHLORHEXIDINE DIGLUCONATE (18472-51-0)			
рН	5.91 Temp.: 20 °C Concentration: 200 g/L		
Serious eye damage/irritation :	Causes serious eye irritation. pH: 5.5 – 6		
CHLORHEXIDINE DIGLUCONATE (18472-51-0)			
рН	5.91 Temp.: 20 °C Concentration: 200 g/L		
Respiratory or skin sensitisation :	Not classified		
Germ cell mutagenicity : Carcinogenicity :	Not classified Not classified		
Reproductive toxicity : Not classified			

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LAURAMINE OXIDE (1643-20-5)	
NOAEL (oral, rat)	= 44 mg/kg
NOAEL (dermal, rat/rabbit)	= 550 mg/cm ²
STOT-repeated exposure :	Not classified
LAURAMINE OXIDE (1643-20-5)	
NOAEL (oral, rat, 90 days)	40 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
PROPYLENE GLYCOL (57-55-6)	
NOAEL (subchronic, oral, animal/male, 90 days)	443 mg/kg bodyweight Animal: cat, Animal sex: male
CHLORHEXIDINE DIGLUCONATE (18472-51-0)
LOAEL (oral, rat, 90 days)	8.88 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
Aspiration hazard :	Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general Hazardous to the aquatic environment, short–term (acute)	: Harmful to aquatic life with long lasting effects. : Not classified
Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable	: Harmful to aquatic life with long lasting effects.

LAURAMINE OXIDE (1643-20-5)	
LC50 - Fish [1]	= 31.8 mg/l
LC50 - Fish [2]	31.8 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	= 2.9 mg/l
EC50 - Crustacea [2]	3.1 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 1 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 0.01 mg/l
ErC50 algae	= 0.2 mg/l
NOEC (chronic)	0.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	= 0.42 mg/l
NOEC chronic crustacea	= 0.7 mg/l
PROPYLENE GLYCOL (57-55-6)	
LC50 - Fish [1]	= 40613 mg/l
LC50 - Fish [2]	51400 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	= 18340 mg/l
EC50 72h - Algae [1]	24200 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

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PROPYLENE GLYCOL (57-55-6)	
EC50 72h - Algae [2]	19300 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [1]	19000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	19100 mg/l Test organisms (species): Skeletonema costatum
ErC50 algae	= 19000 mg/l
GLYCERIN (56-81-5)	
LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 10000 mg/l
EC50 - Other aquatic organisms [1]	> 10000 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 10000 mg/l
CHLORHEXIDINE DIGLUCONATE (18472-51-))
LC50 - Fish [1]	= 2.08 mg/l
EC50 - Crustacea [1]	= 0.087 mg/l
EC50 - Other aquatic organisms [1]	> 0.05 mg/l waterflea
EC50 - Other aquatic organisms [2]	0.011 mg/l
EC50 72h - Algae [1]	0.081 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	0.038 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	= 0.081 mg/l
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
LAURAMINE OXIDE (1643-20-5)	
Partition coefficient n-octanol/water (Log Pow)	4.67
PROPYLENE GLYCOL (57-55-6)	

 Partition coefficient n-octanol/water (Log Kow)
 = 4.7

 GLYCERIN (56-81-5)

 Partition coefficient n-octanol/water (Log Pow)
 -1.76

 CHLORHEXIDINE DIGLUCONATE (18472-51-0)

Partition coefficient n-octanol/water (Log Pow) -0.33

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

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12.7. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Waste treatment methods Product/Packaging disposal recommendations	 Dispose of contents/container in accordance with licensed collector's sorting instructions. a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
HP Code	 HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skir irritation or damage to the eye. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for on or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADN	RID
Not applicable	Not applicable
Not applicable	Not applicable
Not applicable	Not applicable
Not applicable	Not applicable
	·
Not applicable	Not applicable
	Not applicable

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Biocide Regulation (528/2012)

Contains substance(s) listed on the Biocidal Products list (Regulation EU 528/2012 concerning the making available on the market and use of biocidal products)

Type of product (Biocide)	: 1 - Human hygiene
Authorisation number	:
Contains	: D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-
	tetraazatetradecanediamidine (2:1) (1.50 % (pourcentage))

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level

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Abbreviations and acronyms:	
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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Full text of H- and EUH-statements:	
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.