

 W.F. YOUNG <small>ESTD 1892</small>	Silver Honey® Hygienic Shampoo EU SAFETY DATA SHEET <small>SDS EU format according to COMMISSION REGULATION (EU) 2020/878</small>	Document Code:	SDS-0009
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Silver Honey® Hygienic Shampoo
Product number : 459001EX

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Horse shampoo

1.2.2. Uses advised against

Restrictions on use : None known

1.3. Details of the supplier of the safety data sheet

Manufacturer

W.F. Young, Inc.
302 Benton Drive
East Longmeadow, MA 01028
USA
T (413) 526-9999 x 468 - F (413) 526-9869
www.wfyoung.com

Supplier

W.F. Young GmbH
Thomas-Wimmer-Ring 17
80539 Munich
Germany
T +49 89 20194070
SDS@wfyoung.com

1.4. Emergency telephone number

Emergency number : Company Hotline: +1 (413) 526-9999

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Militaire Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussels	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
Germany	Informationszentrale gegen Vergiftungen Klinik und Poliklinik für Allgemeine Pädiatrie, Zentrum für Kinderheilkunde, Universitätsklinikum Bonn	Gebäude 30, ELKI (Eltern- Kind-Zentrum) Venusberg-Campus 1 53127 Bonn	+49 (0) 228 19 240	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2

H315

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Serious eye damage/eye irritation, Category 1 H318
 Skin sensitisation, Category 1 H317
 Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411
 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP) : Danger

Contains : Sodium C14-16 olefin sulfonate; Cocamidopropyl betaine; Cocamide MEA; 2-Phenoxyethanol; 3-(2-Ethylhexyloxy)propane-1,2-diol; Zinc gluconate

Hazard statements (CLP) : H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P261 - Avoid breathing mist, spray.
 P264 - Wash hands thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P273 - Avoid release to the environment.
 P280 - Wear eye protection, protective gloves.
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 - Immediately call a POISON CENTER or doctor.
 P302+P352 - IF ON SKIN: Wash with plenty of water.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
 P391 - Collect spillage.
 P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Glycerin (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, 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 %

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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]
Sodium C14-16 olefin sulfonate	CAS-No.: 68439-57-6 EC-No.: 270-407-8	5-10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Cocamidopropyl betaine	CAS-No.: 61789-40-0 EC-No.: 263-058-8	1-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Cocamide MEA	CAS-No.: 68140-00-1 EC-No.: 268-770-2	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Glycerin	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	1-5	Not classified
2-Phenoxyethanol	CAS-No.: 122-99-6 EC-No.: 204-589-7 EC Index-No.: 603-098-00-9	<1	Acute Tox. 4 (Oral), H302 (ATE=1840 mg/kg bodyweight) Eye Dam. 1, H318 STOT SE 3, H335
Zinc gluconate	CAS-No.: 4468-02-4 EC-No.: 224-736-9	0.1-1	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)
3-(2-Ethylhexyloxy)propane-1,2-diol	CAS-No.: 70445-33-9 EC-No.: 408-080-2 EC Index-No.: 603-168-00-9	<0.5	Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=2.83 mg/l/4h) Eye Dam. 1, H318 Aquatic Chronic 3, H412
Silver	CAS-No.: 7440-22-4 EC-No.: 231-131-3	<0.1	Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Sodium C14-16 olefin sulfonate	CAS-No.: 68439-57-6 EC-No.: 270-407-8	(5 < C ≤ 38) Eye Irrit. 2, H319 (5 ≤ C ≤ 100) Skin Irrit. 2, H315 (38 < C ≤ 100) Eye Dam. 1, H318

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
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	: Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. Ingestion may cause nausea, vomiting and diarrhea.
Chronic symptoms	: None known.

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

Immediate medical attention is required for eye contact.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: This product is not classified as flammable or combustible. Prolonged exposure to fire may cause containers to rupture/explode.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO2). Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions	: In case of fire: stop leak if safe to do so. Cool down the containers exposed to heat with a water spray. Do not allow run-off from firefighting to enter drains or water courses.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid contact with eyes, skin and clothing. Caution : this product can cause the floor to be slippery. Do not touch or walk on the spilled product.
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6.1.1. For non-emergency personnel

Emergency procedures	: Avoid contact with skin and eyes. Avoid breathing mist, spray. Ventilate spillage area.
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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".
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6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

For containment	: Stop leak if safe to do so.
Methods for cleaning up	: Absorb and/or contain spill with inert material, then place in suitable container. Notify authorities if product enters sewers or public waters.
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	: Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing mist, spray. Ensure good ventilation of the work station.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in dry, well-ventilated area. Keep container closed when not in use.
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7.3. Specific end use(s)

Animal Care.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Glycerin (56-81-5)	
Belgium - Occupational Exposure Limits	
Local name	Glycérine (brouillard) # Glycerine (nevel)
OEL TWA	10 mg/m³
Remark	(brouillard)
Regulatory reference	Koninklijk besluit/Arrêté royal 21/01/2020
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	200 mg/m³ (E)
AGW (OEL C)	100 mg/m³
Peak exposure limitation factor	2(I)
Remark	DFG;Y

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Glycerin (56-81-5)	
Regulatory reference	TRGS900
United Kingdom - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (OEL TWA) [1]	10 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
2-Phenoxyethanol (122-99-6)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	5.7 mg/m³
AGW (OEL TWA) [2]	1 ppm
Peak exposure limitation factor	1(I)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden; 11 - Summe aus Dampf und Aerosolen
Regulatory reference	TRGS900
Silver (7440-22-4)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Silver, metallic
IOEL TWA	0.1 mg/m³
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Silber
AGW (OEL TWA) [1]	0.1 mg/m³ (E)
Peak exposure limitation factor	8(II)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); EU - Europäische Union (Von der EU wurde ein Luftgrenzwert festgelegt: Abweichungen bei Wert und Spitzenbegrenzung sind möglich)
Regulatory reference	TRGS900
United Kingdom - Occupational Exposure Limits	
Local name	Silver
WEL TWA (OEL TWA) [1]	0.01 mg/m³ soluble compounds as Ag 0.1 mg/m³ metallic
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

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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:

Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Wear safety goggles or other eye protection to prevent eye contact. Use eye protection according to EN 166.

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear suitable gloves tested to EN374

8.2.2.3. Respiratory protection

Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Brown. Grey.
Appearance	: Gel.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available

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Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 5.5 – 7.5
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 4500 – 8500 cP
Solubility	: Soluble in water.
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	: Not available
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).

10.5. Incompatible materials

Strong oxidizing agents.

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)	: Based on available data, the classification criteria are not met
Acute toxicity (dermal)	: Based on available data, the classification criteria are not met
Acute toxicity (inhalation)	: Based on available data, the classification criteria are not met

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Sodium C14-16 olefin sulfonate (68439-57-6)	
LD50 oral rat	2079 mg/kg
LD50 dermal rabbit	6300 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 52 mg/l/4h
Cocamidopropyl betaine (61789-40-0)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
Cocamide MEA (68140-00-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Glycerin (56-81-5)	
LD50 oral rat	27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral)
LD50 oral	25000 mg/kg bodyweight
LD50 dermal	56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2.75 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Converted value, Inhalation (vapours))
LC50 Inhalation - Rat (Dust/Mist)	50100 mg/l
LC50 Inhalation - Rat (Vapours)	> 2.75 mg/l Source: ECHA
2-Phenoxyethanol (122-99-6)	
LD50 oral rat	1840 mg/kg
LD50 dermal rat	14391 mg/kg bodyweight
LD50 dermal rabbit	> 2214 mg/kg bodyweight
3-(2-Ethylhexyloxy)propane-1,2-diol (70445-33-9)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	2.83 mg/l/4h
Zinc gluconate (4468-02-4)	
LD50 oral rat	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	6.69 mg/l/4h
Silver (7440-22-4)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 5.16 mg/l/4h

Skin corrosion/irritation

: Causes skin irritation.
pH: 5.5 – 7.5

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Serious eye damage/irritation	: Causes serious eye damage. pH: 5.5 – 7.5
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met
Carcinogenicity	: Based on available data, the classification criteria are not met

Sodium C14-16 olefin sulfonate (68439-57-6)	
NOAEL (chronic, oral, animal/male, 2 years)	≥ 195 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:
NOAEL (chronic, oral, animal/female, 2 years)	≥ 259 mg/kg bodyweight Animal: rat, Animal sex: female, Remarks on results: other:

Reproductive toxicity	: Based on available data, the classification criteria are not met
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2-Phenoxyethanol (122-99-6)	
LOAEL (animal/male, F1)	≈ 1875 mg/kg bodyweight
LOAEL (animal/female, F1)	≈ 1875 mg/kg bodyweight
NOAEL (animal/female, F0/P)	≈ 1875 mg/kg bodyweight

STOT-single exposure	: Based on available data, the classification criteria are not met
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2-Phenoxyethanol (122-99-6)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure	: Based on available data, the classification criteria are not met
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2-Phenoxyethanol (122-99-6)	
LOAEL (oral, rat, 90 days)	> 700 mg/kg bodyweight
LOAEL (dermal, rat/rabbit, 90 days)	> 500 mg/kg bodyweight rabbit
NOAEL (dermal, rat/rabbit, 90 days)	500 mg/kg bodyweight rabbit

Silver (7440-22-4)	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard	: Based on available data, the classification criteria are not met
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Glycerin (56-81-5)	
Viscosity, kinematic	1119.746 mm²/s

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties	: None known
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11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
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Hazardous to the aquatic environment, short-term : Not classified
(acute)

Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.
(chronic)

Sodium C14-16 olefin sulfonate (68439-57-6)	
LC50 - Fish [1]	4.2 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	4.53 mg/l Ceriodaphnia dubia
EC50 72h - Algae [1]	5.2 mg/l Skeletonema costatum (marine diatom)
LOEC (chronic)	20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	6.3 mg/l Daphnia magna (Water flea)
Cocamidopropyl betaine (61789-40-0)	
LC50 - Fish [1]	2 mg/l
EC50 - Crustacea [1]	6.4 mg/l
Glycerin (56-81-5)	
LC50 - Fish [1]	54000 mg/l (96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	> 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
EC50 - Other aquatic organisms [1]	> 10000 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 10000 mg/l
2-Phenoxyethanol (122-99-6)	
LC50 - Fish [1]	344 mg/l Pimephales promelas (Fathead minnow)
EC50 - Crustacea [1]	> 500 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	> 100 mg/l
NOEC (chronic)	9.43 mg/l
NOEC chronic fish	23 mg/l
3-(2-Ethylhexyloxy)propane-1,2-diol (70445-33-9)	
LC50 - Fish [1]	60.2 mg/l
EC50 - Crustacea [1]	78.3 mg/l
EC50 72h - Algae [1]	84.3 mg/l
Zinc gluconate (4468-02-4)	
LC50 - Fish [1]	11.12 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	22.8 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	0.26 mg/l Pseudokirchneriella subcapitata
NOEC chronic algae	0.01 mg/l

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Silver (7440-22-4)

LC50 - Fish [1]	4.7 µg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	89.4 µg/l Test organisms (species): Pimephales promelas

12.2. Persistence and degradability

Cocamidopropyl betaine (61789-40-0)

Persistence and degradability	Readily biodegradable.
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Glycerin (56-81-5)

Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.87 g O ₂ /g substance
Chemical oxygen demand (COD)	1.16 g O ₂ /g substance
ThOD	1.217 g O ₂ /g substance
BOD (% of ThOD)	0.71

2-Phenoxyethanol (122-99-6)

Persistence and degradability	Readily biodegradable.
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Zinc gluconate (4468-02-4)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

Cocamidopropyl betaine (61789-40-0)

Partition coefficient n-octanol/water (Log Pow)	-1.28
Partition coefficient n-octanol/water (Log Kow)	-1.28

Glycerin (56-81-5)

Partition coefficient n-octanol/water (Log Pow)	-1.75 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

Glycerin (56-81-5)

Surface tension	0.0634 N/m (20 °C, 1000 g/l)
Ecology - soil	No (test)data on mobility of the substance available.

12.5. Results of PBT and vPvB assessment

Component

Glycerin (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available





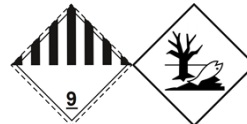
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate)	Environmentally hazardous substance, liquid, n.o.s. (Silver ; Zinc gluconate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate)
Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Silver ; Zinc gluconate), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver ; Zinc gluconate), 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III

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ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
Note: Inner packages containing net quantities of less than 5 kg/5 L are exempt per IMDG Code 2.10.2.7, ICAO Special Provision A197, and ADR Special Provision 375. The product is shipped unregulated because it is packaged in either single packages or a combination of inner packagings containing net quantities of less than 5 kg/5 L (IMDG Code 2.10.2.7; ICAO Special Instruction A197, 49CFR 171.4(c)(2); ADR/ADN/RID SP 375). Shipment may be regulated if contents are removed from inner packaging and combined into containers exceeding 5kg or 5L.				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	: <div><div>90</div><div>3082</div></div>
Tunnel restriction code (ADR)	: -
EAC code	: •3Z

Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964

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PCA limited quantity max net quantity (IATA) : 30kgG
 PCA packing instructions (IATA) : 964
 PCA max net quantity (IATA) : 450L
 CAO packing instructions (IATA) : 964
 CAO max net quantity (IATA) : 450L
 Special provisions (IATA) : A97, A158, A197, A215
 ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M6
 Special provisions (ADN) : 274, 335, 375, 601
 Limited quantities (ADN) : 5 L
 Excepted quantities (ADN) : E1
 Carriage permitted (ADN) : T
 Equipment required (ADN) : PP
 Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6
 Special provisions (RID) : 274, 335, 375, 601
 Limited quantities (RID) : 5L
 Excepted quantities (RID) : E1
 Packing instructions (RID) : P001, IBC03, LP01, R001
 Special packing provisions (RID) : PP1
 Mixed packing provisions (RID) : MP19
 Portable tank and bulk container instructions (RID) : T4
 Portable tank and bulk container special provisions (RID) : TP1, TP29
 Tank codes for RID tanks (RID) : LGBV
 Transport category (RID) : 3
 Special provisions for carriage – Packages (RID) : W12
 Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31
 Colis express (express parcels) (RID) : CE8
 Hazard identification number (RID) : 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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

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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)

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

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Germany

Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).
List of sensitizing substances (TRGS 907)	: Contains sensitizing substances according TRGS 907.
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

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Full text of H- and EUH-statements:	
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 2	H411	Calculation method

Safety Data Sheet (SDS), EU

WF Young, Inc. urges each customer or recipient of this Safety Data Sheet to study it carefully and consult, if necessary or appropriate, experts in the field to be aware of the information contained in this SDS and any hazards associated with this product and understand them. Information herein is provided in good faith and believed to be accurate as of the date shown above. However, no warranty is given, either expressed or implied. The Regulatory requirements are subject to change and may vary by location. There is the responsibility of the purchaser / user to ensure that its activities comply with legislation. The information presented here pertains only to the product as shipped. The terms of use of the product are not under the control of the manufacturer, it is the duty of the purchaser / user to determine the conditions necessary for the safe use of this product. Due to the proliferation of information sources such as the Data Sheets (MSDS) specific to a manufacturer, we are not responsible and cannot be held accountable for SDSs obtained from any source other than ourselves. If you obtained an SDS from another source or if you are worried that your SDS is outdated, please contact us for the latest version.

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