

Version: 1.0 Date: 31st January 2019ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830**1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

1.1 Product identifier		
Product Name	Silver Honey Liquid Gel	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified Use(s)	Preparations for wound care of domesticated animals	
Uses Advised Against	Not applicable	
1.3 Details of the supplier of the safety data sheet		
Company Identification	W.F. Young The Old Nursery Office Rock Road Washington West Sussex RH20 3BH United Kingdom	
Telephone	+44 (0)1903 892060	
E-Mail (competent person)	SDS@wfyong.com	
1.4 Emergency telephone number		
Emergency Phone No.	+44 (0)1903 892060	Office hours (09:00 - 17:00) GMT
Languages spoken	English	

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture		
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Skin Sens. 1B; H317 Aquatic Chronic 3; H412	
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP)	
Product Name	Silver Honey Liquid Gel	
Contains:	Polyglyceryl-4 Caprate Tegasoft PC 41	
Hazard Pictogram(s)		
Signal Word(s)	WARNING	
Hazard Statement(s)	H317: May cause an allergic skin reaction. H412: Harmful to aquatic life with long lasting effects.	
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention.	
Supplemental information	Not applicable	
2.3 Other hazards	None.	

Version: 1.0 Date: 31st January 2019ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830**3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures**

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard classification
1,2,3-Propanetriol, homopolymer, decanoate	>=1	74504-65-7	616-105-5	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319
Bis(D-gluconato-O1,O2)zinc	>1	4468-02-4	224-736-9	Not yet assigned in the supply chain	Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Silver	>1	7440-22-4	231-121-3	Not yet assigned in the supply chain	Aquatic Acute 1; H400 Aquatic Chronic 1; H410

Note: For full text of H phrases see section 16.

4. SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Self-protection of the first aider

Use personal protective equipment as required. Provide adequate ventilation. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration only if patient is not breathing but do not use mouth to mouth resuscitation. IF exposed or concerned: Get medical advice/attention.

Skin Contact

After contact with skin, wash immediately with plenty of soap and water. Remove clothing and drench affected skin with plenty of water until all traces of substance have been removed. Wash contaminated clothing before reuse. Get immediate medical advice/attention.

Eye Contact

IF IN EYES: 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.

Ingestion

Rinse mouth. Give plenty of water to drink. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless instructed to do so by medical personnel. Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable Extinguishing media

Non-flammable. Fight fire with normal precautions from a reasonable distance.

Unsuitable extinguishing media

Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Combustion may cause toxic fumes. Carbon monoxide, Carbon dioxide

5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

Version: 1.0 Date: 31st January 2019ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830**6. SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures** Caution - spillages may be slippery. Ensure suitable personal protection during removal of spillages. Wash hands and exposed skin after use. Avoid contact with skin and eyes. Remove contaminated clothing and gloves and wash before re-use. Provide adequate ventilation.
- 6.2 Environmental precautions** Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Dispose of waste cans and containers according to local regulations.
- 6.3 Methods and material for containment and cleaning up** Ensure suitable personal protection during removal of spillages. Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container. Wash spill site with water and detergent.
- 6.4 Reference to other sections** See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid contact with skin and eyes. Wear protective gloves/eye protection. Do not eat, drink or smoke when using this product. Wash hands and exposed skin after use. Contaminated clothing should be laundered before reuse. Provide adequate ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed. Keep only in original packaging. Keep away from food, drink and animal feedingstuffs. Keep out of reach of children.
Storage temperature: Store at room temperature.
Storage life: Stable under normal conditions.
Incompatible materials: None anticipated.
- 7.3 Specific end use(s)** See Section: 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Occupational Exposure Limits**

Substance	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Propane-1,2-diol	57-55-6	150	474	-	-	-
			10			
Sodium Hydroxide	1310-73-2	-	-	-	2	-
Glycerol, mist	56-81-5	-	10	-	-	-
Silver	7440-22-4	-	0.1	-	-	-

Source: WEL- Workplace exposure limits

8.1.2 Biological limit value Not established.**8.1.3 PNECs and DNELs** None assigned.**8.2 Exposure controls****8.2.1 Appropriate engineering controls** Good hygiene practices and housekeeping measures. Keep container tightly closed. Provide adequate ventilation.**8.2.2 Individual protection measures, such as personal protective equipment (PPE)** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Contaminated clothing should be thoroughly cleaned. Wash hands before breaks and after work.
Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent/minimise exposures and to report any skin problems that may develop.
Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

Version: 1.0 Date: 31st January 2019ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830

Eye/ face protection



The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye protection not applicable Recommended: Wear protective eye glasses for protection against liquid splashes.

Skin protection

**Hand protection**

Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Body protection

Wear suitable coveralls to prevent exposure to the skin. Wear work clothes with long sleeves.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Hazardous to the environment. Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Grey Liquid Gel
Odour	None
Odour threshold	Not established
pH	Not established
Melting point/freezing point	Not established
Initial boiling point and boiling range	Not established
Flash point	Not established
Evaporation rate	Not established
Flammability (solid, gas)	Not relevant - liquid mixture
Upper/lower flammability or explosive limits	Not established
Vapour pressure	Not established
Vapour density	Not established
Relative density	Not established
Solubility(ies)	Not established
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition Temperature	Not established
Viscosity	Not established
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

None known.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous polymerisation will not occur. Non-flammable.
10.4 Conditions to avoid	None known.

Version: 1.0 Date: 31st January 2019ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830

10.5	Incompatible materials	None known.
10.6	Hazardous decomposition product(s)	Combustion may cause toxic fumes. Carbon monoxide, Carbon dioxide

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects (Substances in preparations / mixtures)	
	Acute toxicity	Mixture: Based upon the available data, the classification criteria are not met.
	Ingestion	Based upon the available data, the classification criteria are not met.
	Inhalation	Based upon the available data, the classification criteria are not met.
	Dermal	Based upon the available data, the classification criteria are not met.
	Skin corrosion/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	1,2,3-Propanetriol, homopolymer, decanoate	Skin Irrit. 2; H315: Causes skin irritation. Mean erythema score: 2 Mean edema score: 2-3 (rabbit) (OECD404) (Unnamed publication, 2008)
	Serious eye damage/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	1,2,3-Propanetriol, homopolymer, decanoate	Eye Irrit. 2; H319: Causes serious eye irritation. Mean iris score: 0.7, Mean cornea score: 1.7, Mean conjunctivae score: 2, Mean chemosis score: 1.3. (rabbit) (OECD405) (Unnamed publication, 2008).
	Bis(D-gluconato-O1,O2)zinc	Eye Dam. 1; H318: Causes serious eye damage. Mean iris score: 1, Mean conjunctivae score: 3, Mean chemosis score, 3. Possible risk of irreversible effects. (rabbit) (OECD405) (Unnamed publication, 1985)
	Skin sensitization	Skin Sens. 1B; H317: May cause an allergic skin reaction.
	Polyglyceryl-4 Caprate Tegasoft PC 41	Skin Sens. 1B; H317: May cause an allergic skin reaction. >30% had a response. Local lymph node assay: >2% (at 50% and 100%) Observations relevant to classification: Sensitizing (mouse) (OECD 429) (Unnamed publication, 2008)
	Respiratory sensitization	Based upon the available data, the classification criteria are not met.
	Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
	Carcinogenicity	Based upon the available data, the classification criteria are not met.
	Reproductive toxicity	Based upon the available data, the classification criteria are not met.
	STOT - single exposure	Based upon the available data, the classification criteria are not met.
	STOT - repeated exposure	Based upon the available data, the classification criteria are not met.
	Aspiration hazard	Based upon the available data, the classification criteria are not met.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.
	1,2,3-Propanetriol, homopolymer, decanoate	Based upon the available data, the classification criteria are not met.
	Bis(D-gluconato-O1,O2)zinc	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Acute: EC50: 0.26 mg/L (Algae) (OECD201) (Unnamed publication, 2011) Chronic: No data
	Silver	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Acute: LC50: 0.0012 mg/L (Pimephales promelas) (Bielmyer, G.K., et al., 2007) Chronic: EC10: 0.00019 mg/L (Salmo trutta) (OECD210) (Unnamed publication, 1998)
12.2	Persistence and degradability	No data for the mixture as a whole. The single components are biodegradable.
	1,2,3-Propanetriol, homopolymer, decanoate	Readily biodegradable. Degradation rate (%): >=62 - <=64 (OECD301F) (Unnamed publication, 2008)
	Bis(D-gluconato-O1,O2)zinc	Readily biodegradable. Degradation rate (%): 89% (EU Method C.4-E) (Unnamed publication, 2004) ECHA registration dossier
	Silver	Not applicable for inorganic substances
12.3	Bioaccumulative potential	No data for the mixture as a whole. Part of the components can be readily eliminated from water.
	1,2,3-Propanetriol, homopolymer, decanoate	No data.
	Bis(D-gluconato-O1,O2)zinc	No data.
	Silver	Not anticipated to bioaccumulate. BCF: 70 (Cyprinus carpio) (Baudin, J.P., et al., 1994) ECHA registration dossier
12.4	Mobility in soil	No data for the mixture as a whole.

SAFETY DATA SHEET

Silver Honey Liquid Gel

Version: 1.0 Date: 31st January 2019

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

1,2,3-Propanetriol, homopolymer, decanoate
Bis(D-gluconato-O1,O2)zinc
Silver

study scientifically not necessary- Item is treated as "rapidly biodegradable"
No data- Low log Kow: <3 study scientifically not necessary
The substance is predicted to have moderate mobility in soil. Log Kd: 3.60
(Unnamed publication, 2011) ECHA registration dossier
Not classified as PBT or vPvB.
None known.

12.5 Results of PBT and vPvB assessment
12.6 Other adverse effects

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Hazardous to the environment. Avoid release to the environment. Do not allow to enter drains, sewers or watercourses. Disposal should be in accordance with local, state or national legislation. Dispose of empty containers and wastes safely.

14. SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/CAO
14.1 UN number	Not applicable.	Not applicable.	Not applicable.
14.2 UN proper shipping name	Not applicable.	Not applicable.	Not applicable.
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packing group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not classified	Not classified	Not classified
14.6 Special precautions for user	Not applicable.		
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations
WFD (Water Framework Directive) Bis(D-gluconato-O1,O2)zinc
Silver
BPR Phenoxyethanol
Silver
Authorisations and/or Restrictions On Use Not restricted

15.1.2 National regulations None known

15.2 Chemical Safety Assessment A chemical safety assessment is not required under REACH.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

References:

Safety Data Sheets for ingoing ingredients. EU classification and labelling inventory and Existing ECHA registration(s) for Polyglyceryl-4 Caprate Tegasoft PC 41 (CAS No. 74504-65-7), Zinc Gluconate (CAS No. 4468-02-4), Microsilver BG (silver) (CAS No. 7440-22-4).

Literature References:

1. Baudin, J.P., et al., 1994, Uptake from water, depuration and tissue distribution of 110Ag in a freshwater fish, Cyprinus carpio L., Water, Air and Soil Pollution, 72: 129-141.
2. Bielmyer, G.K., et al., 2007, Validation study of the acute biotic ligand model for silver, Environmental Toxicology and Chemistry, 26: 2241-2246.

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

SAFETY DATA SHEET

Silver Honey Liquid Gel

Version: 1.0 Date: 31st January 2019

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP)
& 2015/830

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Skin Sens. 1B; H317	Threshold Calculation
Aquatic Chronic 3; H412	Summation Calculation

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	PBT: Persistent, Bioaccumulative and Toxic
vPvB	vPvT: very Persistent and very Toxic

Hazard classification / Classification code:

Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1B; Skin Sensitisation, Category 1B
Eye Dam. 1; Eye damage, category 1
Eye Irrit. 2; Eye Irritation, Category 2
Aquatic Acute 1; Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic , Category 1
Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic , Category 3

Hazard Statement(s)

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
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.
H412: Harmful to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. W.F.Young gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. W.F.Young accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

Not applicable