



SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Issue date: 04/09/2018 Revision date: 01/02/2022 Supersedes version of: 30/06/2021 Version: 5.0

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

1.1. Product identifier

Product form : Mixture
Trade name : SILVER DIP
UFI : 9AR0-SKXG-X00D-8UYS
Product code : A100403; A116377
Type of product : Detergent
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Cleaner for silver and silver-plated metal jewelry
Use of the substance/mixture : Cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

HAGERTY S.A.
Promenade-Noire, 1
Neuchâtel
Switzerland
T +41 32 724 44 67
www.hagerty.world

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

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 H319
Carcinogenicity, Category 2 H351
Reproductive toxicity, Category 2 H361
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) :

Warning

Contains :

thiourea

Hazard statements (CLP) :

H319 - Causes serious eye irritation.

H351 - Suspected of causing cancer.

H361 - Suspected of damaging fertility or the unborn child.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P201 - Obtain special instructions before use.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% w/w (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
thiourea	CAS-No.: 62-56-6 EC-No.: 200-543-5 EC Index-No.: 612-082-00-0 REACH-no: 01-2119977062-37	5 – 10	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Repr. 2, H361d Aquatic Chronic 2, H411
Citric acid	CAS-No.: 77-92-9 EC-No.: 201-069-1 REACH-no: 01-2119457026-42	1 – 5	Eye Irrit. 2, H319
Alcohols, C12-14, ethoxylated	CAS-No.: 68439-50-9 EC-No.: 500-213-3 REACH-no: 01-2119487984-16	1.78	Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Phosphoric acid substance with national workplace exposure limit(s) (GB)	CAS-No.: 7664-38-2 EC-No.: 231-633-2 EC Index-No.: 015-011-00-6 REACH-no: 01-2119485924-24	1.0125	Met. Corr. 1, H290 Skin Corr. 1B, H314
2-(2-butoxyethoxy)ethanol substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 112-34-5 EC-No.: 203-961-6 EC Index-No.: 603-096-00-8 REACH-no: 01-2119475104-44	0.1 – 1	Eye Irrit. 2, H319

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Name	Product identifier	% w/w (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Diphenyl Ether substance with national workplace exposure limit(s) (GB)	CAS-No.: 101-84-8 EC-No.: 202-981-2 REACH-no: 01-2119472545-33	< 0.1	Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Bornan-2-one substance with national workplace exposure limit(s) (GB)	CAS-No.: 76-22-2 EC-No.: 200-945-0 REACH-no: 01-2119966156-31	< 0.1	Flam. Sol. 2, H228 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371
substance with national workplace exposure limit(s) (GB)	CAS-No.: 128-37-0 EC-No.: 204-881-4 REACH-no: 01-2119780433-46	< 0.1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 REACH-no: 01-2119474016-42	< 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Phosphoric acid	CAS-No.: 7664-38-2 EC-No.: 231-633-2 EC Index-No.: 015-011-00-6 REACH-no: 01-2119485924-24	(10 ≤C < 25) Skin Irrit. 2, H315 (10 ≤C < 25) Eye Irrit. 2, H319 (25 ≤C < 100) Skin Corr. 1B, H314

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 general	: In all cases of doubt, or when symptoms persist, seek medical attention. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: 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.
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.
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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	: Water spray. Dry powder. Foam. Carbon dioxide.
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SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

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 equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and 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 containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. 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

See Heading 8. Exposure controls and personal protection. 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hygiene measures : 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 locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Phosphoric acid (7664-38-2)

United Kingdom - Occupational Exposure Limits

Local name	Orthophosphoric acid
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SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Phosphoric acid (7664-38-2)	
WEL TWA (OEL TWA) [1]	1 mg/m ³
WEL STEL (OEL STEL)	2 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
2-(2-butoxyethoxy)ethanol (112-34-5)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-(2-Butoxyethoxy)ethanol
IOEL TWA	67.5 mg/m ³
IOEL STEL	101.2 mg/m ³
IOEL STEL [ppm]	15 ppm
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
United Kingdom - Occupational Exposure Limits	
Local name	2-(2-Butoxyethoxy)ethanol
WEL TWA (OEL TWA) [1]	67.5 mg/m ³
WEL TWA (OEL TWA) [2]	10 ppm
WEL STEL (OEL STEL)	101.2 mg/m ³
WEL STEL (OEL STEL) [ppm]	15 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Diphenyl Ether (101-84-8)	
United Kingdom - Occupational Exposure Limits	
Local name	Diphenyl ether
WEL TWA (OEL TWA) [1]	7 mg/m ³
WEL TWA (OEL TWA) [2]	1 ppm
WEL STEL (OEL STEL)	14 mg/m ³
WEL STEL (OEL STEL) [ppm]	2 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Bornan-2-one (76-22-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Bornan-2-one
WEL TWA (OEL TWA) [1]	13 mg/m ³
WEL TWA (OEL TWA) [2]	2 ppm
WEL STEL (OEL STEL)	19 mg/m ³
WEL STEL (OEL STEL) [ppm]	3 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
(128-37-0)	
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (OEL TWA) [1]	10 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

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

Alcohols, C12-14, ethoxylated (68439-50-9)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2080 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	294 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	87 mg/m ³
Long-term - systemic effects, dermal	1250 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.0437 mg/l
PNEC aqua (marine water)	0.0437 mg/l
PNEC aqua (intermittent, freshwater)	0.004 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	31 mg/kg dwt
PNEC sediment (marine water)	31 mg/kg dwt
PNEC (Soil)	
PNEC soil	1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 g/l
thiourea (62-56-6)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	3.4 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0.1 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.2 mg/m ³
Long-term - systemic effects, dermal	1.7 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.01 mg/l
PNEC aqua (marine water)	0.001 mg/l
PNEC aqua (intermittent, freshwater)	0.038 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.0725 mg/kg dwt
PNEC sediment (marine water)	0.00725 mg/kg dwt

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

thiourea (62-56-6)	
PNEC (Soil)	
PNEC soil	2.725 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.38 mg/l
Phosphoric acid (7664-38-2)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	2.92 mg/m ³
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	0.73 mg/m ³
Citric acid (77-92-9)	
PNEC (Water)	
PNEC aqua (freshwater)	0.44 mg/l
PNEC aqua (marine water)	0.044 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	34.6 mg/kg dwt
PNEC sediment (marine water)	3.46 mg/kg dwt
PNEC (Soil)	
PNEC soil	33.1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l

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:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Protective goggles

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses			EN 166

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Skin and body protection	
Type	Standard
	EN 13034

Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness: (mm)	Penetration	Standard
	Nitrile rubber (NBR)	6 (> 480 minutes)	>0.4mm		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

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
Appearance	: Liquid.
Colour	: Blue.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 1.8 – 2.2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.04 g/cm ³ +/-0.01
Solubility	: completely miscible.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Explosive when dry.
Oxidising properties	: No data available
Explosive limits	: No data available

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

9.2. Other information

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

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 toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Linalool (78-70-6)	
LD50 oral rat	2790 mg/kg bodyweight OECD Guideline 401, 95% CL: 2440 - 3180
LD50 dermal rabbit	5610 mg/kg bodyweight OECD Guideline 402, 95% CL: 3578 - 8374
Alcohols, C12-14, ethoxylated (68439-50-9)	
LD50 oral rat	> 2000 mg/kg bodyweight OECD Guideline 401
LD50 dermal rat	> 2000 mg/kg bodyweight OECD Guideline 402
LC50 Inhalation - Rat	> 1.6 mg/l air OECD Guideline 403
thiourea (62-56-6)	
LD50 oral rat	2000 – 2500 mg/kg bodyweight female, OECD 423
LD50 dermal rabbit	> 2800 mg/kg bodyweight OECD402
LC50 Inhalation - Rat	> 0.195 mg/l air OECD 403
Citric acid (77-92-9)	
LD50 oral	5400 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 4500 - 6400
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg bodyweight

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

2-(2-butoxyethoxy)ethanol (112-34-5)	
LD50 oral rat	2410 – 5530 mg/kg
LD50 dermal rabbit	2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645
LD50 dermal	2764 mg/kg bodyweight
Diphenyl Ether (101-84-8)	
LD50 oral rat	2830 mg/kg bodyweight female, 95% CL: 2,49 - 3,21
Bornan-2-one (76-22-2)	
LD50 oral	1310 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
LC50 Inhalation - Rat	0.5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
Skin corrosion/irritation	: Not classified pH: 1.8 – 2.2
Serious eye damage/irritation	: Causes serious eye irritation. pH: 1.8 – 2.2
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
thiourea (62-56-6)	
NOAEL (animal/male, F0/P)	35 mg/kg bodyweight Animal: rat, Animal sex: male
STOT-single exposure	: Not classified
Bornan-2-one (76-22-2)	
STOT-single exposure	May cause damage to organs.
STOT-repeated exposure	: Not classified
Linalool (78-70-6)	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight rat, OECD Guideline 411
Alcohols, C12-14, ethoxylated (68439-50-9)	
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight OECD Guideline 408
Phosphoric acid (7664-38-2)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight OECD Guideline 422
Citric acid (77-92-9)	
LOAEL (oral, rat, 90 days)	8000 mg/kg bodyweight Animal: rat
NOAEL (oral, rat, 90 days)	4000 mg/kg bodyweight Animal: rat
2-(2-butoxyethoxy)ethanol (112-34-5)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
Diphenyl Ether (101-84-8)	
NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight Animal: rat

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Bornan-2-one (76-22-2)

NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: other:Food and Drug Administration (FDA) Good Laboratory Practice Regulations for Nonclinical Studies (GLP Guidelines)
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Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

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

Linalool (78-70-6)

LC50 - Fish [1]	27.8 mg/l <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>)
EC50 - Crustacea [1]	59 mg/l
EC50 96h - Algae [1]	88.3 mg/l <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>)

Alcohols, C12-14, ethoxylated (68439-50-9)

LC50 - Fish [1]	6.4 mg/l <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)
LC50 - Fish [2]	1.2 mg/l <i>Cyprinus carpio</i>
EC50 - Crustacea [1]	1.2 mg/l <i>Daphnia magna</i>

Phosphoric acid (7664-38-2)

EC50 - Crustacea [1]	> 100 mg/l <i>Daphnia magna</i>
EC50 72h - Algae [1]	> 100 mg/l <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>)

2-(2-butoxyethoxy)ethanol (112-34-5)

LC50 - Fish [1]	1300 mg/l Test organisms (species): <i>Lepomis macrochirus</i>
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 100 mg/l
EC50 96h - Algae [1]	> 100 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>)

Diphenyl Ether (101-84-8)

LC50 - Fish [1]	4.2 mg/l <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>)
EC50 - Crustacea [1]	1.96 mg/l

Bornan-2-one (76-22-2)

LC50 - Fish [1]	35 – 50 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)
LC50 - Fish [2]	110 mg/l Test organisms (species): <i>Pimephales promelas</i>
EC50 96h - Algae [1]	6.951 mg/l Test organisms (species):

12.2. Persistence and degradability

No additional information available

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

12.3. Bioaccumulative potential

Linalool (78-70-6)

Partition coefficient n-octanol/water (Log Pow)	2.84
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thiourea (62-56-6)

Partition coefficient n-octanol/water (Log Pow)	-0.92
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Citric acid (77-92-9)

Partition coefficient n-octanol/water (Log Pow)	-1.72
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2-(2-butoxyethoxy)ethanol (112-34-5)

Partition coefficient n-octanol/water (Log Pow)	1 20 °C
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
European List of Waste (LoW) code : 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not regulated	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not regulated	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not regulated	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not regulated	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not regulated	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Transport by sea

Not applicable

Air transport

Not regulated

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Detergent Regulation (EC/648/2004): Labelling of contents:

Component	%
non-ionic surfactants, amphoteric surfactants	<5%
Perfumes	
Benzyl Salicylate	
Hexyl Cinnamal	

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:

CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
LC50	Median lethal concentration
EC50	Median effective concentration
LD50	Median lethal dose
TLM	Median Tolerance Limit

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Abbreviations and acronyms:	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information

: **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.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), 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
Carc. 2	Carcinogenicity, Category 2

SILVER DIP

Safety Data Sheet

according to Regulation (EU) 2015/830

Full text of H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Sol. 2	Flammable solids, Category 2
H228	Flammable solid.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H371	May cause damage to organs.
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.
Met. Corr. 1	Corrosive to metals, Category 1
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method
Carc. 2	H351	Calculation method
Repr. 2	H361	Calculation method
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

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.