

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

NEXLER Silver Protect

Creation date	02nd February 2022	Version	1.1
Revision date	19th April 2024		

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

1.1. Product identifier

Substance / mixture NEXLER Silver Protect mixture
UFI 7F2N-E0TS-3008-MKCJ

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

Mixture's intended use

The product is intended for insulating and decorative coatings outside objects and buildings: for asphalt moisture insulation, for roofing made of asphalt felt, for roofing made of shingles, for sealing asbestos and for preserving galvanized sheet materials.

Main intended use

PC-PNT-3 Paints/coatings - Protective and functional

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	NEXLER sp. z o.o.
Address	Łużycka 6, Gdynia, 81-537 Poland
Identification number (CRN)	191528483
VAT Reg No	PL5862073821
Phone	+48 58 781 45 85
E-mail	info@nexler.com
Web address	www.nexler.com

Competent person responsible for the safety data sheet

Name	NEXLER sp. z o.o.
E-mail	info@nexler.com

1.4. Emergency telephone number

National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Flam. Liq. 3, H226
STOT SE 3, H336, H335
Aquatic Chronic 2, H411

Most serious adverse physico-chemical effects

Flammable liquid and vapour.

Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazardous substances

Hydrocarbons, C9, aromatics

Hazard statements

H226 Flammable liquid and vapour.

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H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P391 Collect spillage.
P501 Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

The mixture is not classified as releasing flammable gases in contact with water.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 64742-95-6 EC: 918-668-5 Registration number: 01-2119455851-35	Hydrocarbons, C9, aromatics	43-47	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335, H336 Aquatic Chronic 2, H411 EUH066	2, 3
Index: 013-002-00-1 CAS: 7429-90-5 EC: 231-072-3 Registration number: 01-2119529243-45	aluminium powder (stabilised)	16-20	Flam. Sol. 1, H228 Water-react. 2, H261	1, 2
EC: 919-857-5 Registration number: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	5,5-8,5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066	3

Notes

- Note T: This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet.
- A substance for which exposure limits are set.
- Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.

Full text of all classifications and hazard statements is given in the section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water or shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

If inhaled

May cause respiratory irritation. May cause drowsiness or dizziness.

If on skin

Repeated exposure may cause skin dryness or cracking.

If in eyes

Not expected.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

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6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale mist/vapours/spray. No smoking. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

United Kingdom EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Substance name (component)	Type	Value	Note
trimethylbenzene (CAS: 64742-95-6)	WEL 8h	125 mg/m ³	
	WEL 8h	25 ppm	
aluminium powder (stabilised) (CAS: 7429-90-5)	WEL 8h	10 mg/m ³	inhalable dust, As Al
	WEL 8h	4 mg/m ³	respirable dust, As Al

DNEL

aluminium powder (stabilised)					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	3.72 mg/m ³	Chronic effects systemic		
Workers	Inhalation	3.72 mg/m ³	Chronic effects local		
Consumers	Oral	7.9 mg/kg bw/day	Chronic effects systemic		

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Hydrocarbons, C9, aromatics					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	12.5 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	151 mg/m ³	Chronic effects systemic		
Consumers	Dermal	7.5 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	32 mg/m ³	Chronic effects systemic		
Consumers	Oral	7.5 mg/kg bw/day	Chronic effects systemic		

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	871 mg/m ³	Chronic effects systemic		
Workers	Dermal	77 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	46 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	185 mg/m ³	Chronic effects systemic		
Consumers	Dermal	46 mg/kg bw/day	Chronic effects systemic		

PNEC

aluminium powder (stabilised)			
Route of exposure	Value	Value determination	Source
Drinking water	74.9 µg/l		
Microorganisms in sewage treatment	20 mg/l		

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Contaminated skin should be washed thoroughly. Other protection: protective workwear.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Data not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid
Colour silver

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Odour	characteristic
Melting point/freezing point	<-20 °C
Boiling point or initial boiling point and boiling range	≥130 °C
Flammability	flammable liquid and vapor
Lower and upper explosion limit	not determined
Flash point	>40 °C
Auto-ignition temperature	not determined
Hydrocarbons, C9, aromatics (CAS: 64742-95-6)	>400 °C
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	>230 °C
Decomposition temperature	not applicable
pH	non-soluble (in water)
Kinematic viscosity	>20.5 mm ² /s at 40 °C
Solubility in water	insoluble
Solubility in other solvents	dissolves in most organic solvents
Partition coefficient n-octanol/water (log value)	does not apply to mixtures
Vapour pressure	not determined
Hydrocarbons, C9, aromatics (CAS: 64742-95-6)	2 hPa at 20 °C
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	3 hPa at 20 °C
Density and/or relative density	
Density	1 g/cm ³ at 22 °C
Relative vapour density	>1
Particle characteristics	applies to solids

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is not reactive.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

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Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

aluminium powder (stabilised)						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD ₅₀	OECD 401	>15900 mg/kg bw		Rat (Rattus norvegicus)	F/M
Inhalation (aerosols)	LC ₅₀	OECD 403	>0.888 mg/l of air	4 hours	Rat (Rattus norvegicus)	M

Hydrocarbons, C9, aromatics						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Dermal	LD ₅₀	OECD 402	>3160 mg/kg bw	24 hours	Rabbit	F/M
Inhalation (vapor)	LC ₅₀	OECD 403	>6193 mg/m ³	4 hours	Rat (Rattus norvegicus)	F/M
Oral	LD ₅₀		>3492 mg/kg bw		Rat (Rattus norvegicus)	F/M

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD ₅₀	OECD 401	>5000 mg/kg bw		Rat (Rattus norvegicus)	F/M
Inhalation (vapor)	LC ₅₀	OECD 403	>5000 mg/m ³	8 hours	Rat (Rattus norvegicus)	M
Dermal	LD ₅₀	OECD 402	>2000 mg/kg bw	24 hours	Rabbit	

Skin corrosion/irritation

Based on the available data, the criteria for classification of the mixture are not met. Prolonged or repeated contact with the product causes skin degreasing and drying.

Hydrocarbons, C9, aromatics						
Route of exposure	Result	Method	Exposure time	Species		
Dermal	Slightly irritating	OECD 404		Rabbit		

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness. May cause respiratory irritation.

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Toxicity for specific target organ - repeated exposure

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

Repeated dose toxicity

Hydrocarbons, C9, aromatics							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 408	600 mg/kg bw/day	90 days	Rat (Rattus norvegicus)	F/M
Inhalation (vapor)	NOAEC	Systemic effects	OECD 452	900 mg/m ³	1 year	Rat (Rattus norvegicus)	F

Aspiration hazard

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

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Acute toxicity

Hydrocarbons, C9, aromatics					
Parameter	Method	Value	Exposure time	Species	Environment
ErL ₅₀	OECD 201	2.9 mg/l	72 hours	Algae (Raphidocelis subcapitata)	
EbL ₅₀	OECD 201	2.6 mg/l	72 hours	Algae (Raphidocelis subcapitata)	
EL ₅₀	OECD 202	3.2 mg/l	48 hours	Aquatic invertebrates (Daphnia magna)	
LL ₅₀	OECD 203	9.2 mg/l	96 hours	Fish (Oncorhynchus mykiss)	

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
Parameter	Method	Value	Exposure time	Species	Environment
LL ₅₀	OECD 203	>1000 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
LL ₅₀	OECD 202	>1000 mg/l	48 hours	Aquatic invertebrates (Daphnia magna)	
EL ₅₀	OECD 201	>1000 mg/l	72 hours	Algae (Raphidocelis subcapitata)	
NOELR	OECD 201	3-100 mg/l	72 hours	Algae (Raphidocelis subcapitata)	
EL ₅₀		0.95 mg/l	48 hours	Aquatic microorganisms (Tetrahymena pyriformis)	

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Chronic toxicity

Hydrocarbons, C9, aromatics					
Parameter	Method	Value	Exposure time	Species	Environment
NOELR		2.14 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	
NOELR		1.23 mg/l	28 days	Fish (Oncorhynchus mykiss)	
NOEC	OECD 209	>99 mg/l	10 minutes	Aquatic microorganisms	Activated sludge

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
Parameter	Method	Value	Exposure time	Species	Environment
NOELR		0.13 mg/l	28 days	Fish (Oncorhynchus mykiss)	
NOELR		0.23 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	

12.2. Persistence and degradability

The product is partially biodegradable.

Biodegradability

Hydrocarbons, C9, aromatics					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	78 %	28 days		Easily biodegradable

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
Parameter	Method	Value	Exposure time	Environment	Result
		80 %	28 days		Easily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

Hydrocarbons, C9, aromatics						
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Value determination
Log Pow	3.03 ≤ ... ≤ 4.73					QSAR

12.4. Mobility in soil

The product shows low mobility in soil.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

Danger of environmental contamination, follow the applicable waste disposal regulations. Store unused product and contaminated packaging in closed containers for waste collection and hand over for disposal to a specialized company authorized to conduct such activity. Do not pour unused product into drains. It must not be disposed of together with municipal waste. Empty packaging can be used for energy in a waste incineration plant or collected in a landfill with an appropriate classification. Perfectly cleaned packaging can be recycled. The classification of waste may change depending on where it is generated.

Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (contains: Hydrocarbons, C9, aromatics)

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

III

14.5. Environmental hazards

Yes.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.

30

UN number

1993

Classification code

F1

Safety signs

3+hazardous for the environment



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Road transport - ADR

Special provisions	274, 601
Limited quantities	5 L
Excepted quantities	E1

Packaging

Packing instructions	P001, IBC03, LP01, R001
Mixed packing provisions	MP19

Portable tanks and bulk containers

Guidelines	T4
Special provisions	TP1, TP29

ADR tank

Tank code	LGBF
Vehicles for tank carriage	FL
Transport category	3
Tunnel restriction code	(D/E)

Special provision for

packages	V12
operation	S2

Railway transport - RID

Special provisions	274, 601
Excepted quantities	E1

Packaging

Packing instructions	P001, IBC03, LP01, R001
Mixed packing provisions	MP19

Portable tanks and bulk containers

Guidelines	T4
Special provisions	TP1, TP29

RID Tanks

Tank code	LGBF
Transport category	0

Special provision for

packages	W12
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Marine transport - IMDG

EmS (emergency plan)	F-E, S-E
MFAG	310

SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226	Flammable liquid and vapour.
H228	Flammable solid.

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H261	In contact with water releases flammable gases.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P391	Collect spillage.
P501	Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

A list of additional standard phrases used in the safety data sheet

EUH066	Repeated exposure may cause skin dryness or cracking.
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Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EL ₅₀	Effective Loading for 50% of the tested organisms
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LL ₅₀	Lethal Loading for 50% of tested organisms
log K _{ow}	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
NOELR	No Observed Effect Loading Rate
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

NEXLER Silver Protect

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REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Flam. Liq.	Flammable liquid
Flam. Sol.	Flammable solid
STOT SE	Specific target organ toxicity - single exposure
Water-react.	Substance or mixture which in contact with water emits flammable gas

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

This safety data sheet replaces version 1.0 dated 02.02.2022.

Updated sections: 1,2,3,4,6,7,8,9,10,11,12,13,14,15,16.

More information

Classification procedure - calculation method and based on tests of physicochemical properties.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.