Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

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

Product identifier

Trade name: **UV-Protection-Oil Extra**

Article number: 420, 1420, 424, 425, 426, 427, 428, 429, 431, 432
& mixed colours

Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

Application of the substance / the mixture Paint
Coating compound/ Surface coating/ paint

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Osmo Holz und Color GmbH & Co. KG
Affhüppen Esch 12
D-48231 Warendorf
Germany

Further information obtainable from: Product safety department
Tel.: +49 (0) 251 / 692 - 188
Fax: +49 (0) 251 / 692 - 462
e-mail: helmut.starp@osmo.de

Emergency telephone number: emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111
IE: National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

Importer Importer for UK:
OSMO UK,
Smeaton Close
Unit 24 Anglo Business Park
Aylesbury, Bucks HP19 8UP
Phone: 01296 481 220, www.osmouk.com
United Kingdom

2 Hazards identification

Classification of the substance or mixture

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Additional information: For the wording of the listed hazard phrases refer to section 16.

Label elements

Hazard pictograms Void

(Contd. on page 2)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 1)

Signal word Void
Hazard statements H412 Harmful 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.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulations.
Additional information: EUH208 Contains 3-Iodo-2-propynylbutylcarbamate. May produce an allergic reaction.
Other hazards Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly.
Always wear a dust mask when sanding.
Observe the general safety regulations when handling chemicals.
Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable

*
3 Composition/information on ingredients

Chemical characterisation: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 64742-48-9 EC number: 918-481-9 Reg.nr.: 01-2119457273-39	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 % Asp. Tox. 1, H304	20-40%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether	10–25%
CAS: 127519-17-9 ELINCS: 407-000-3 Index number: 607-281-00-4 Reg.nr.: 01-0000015648-61	A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl] propionates Aquatic Chronic 2, H411; Acute Tox. 4, H302	<3%
CAS: 84418-68-8 EINECS: 282-780-4	Neodecanoic acid, zinc salt, basic Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.25–≤1%
CAS: 55406-53-6 EINECS: 259-627-5 Index number: 616-212-00-7 Reg.nr.: 01-2119489924-20	3-Iodo-2-propynylbutylcarbamate Acute Tox. 2, H330; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); Acute Tox. 4, H302; Skin Sens. 1, H317	≥0.1–<0.25%

Additional information: For the wording of the listed hazard phrases refer to section 16.

(Contd. on page 3)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 2)

4 First aid measures

Description of first aid measures

General information: Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse mouth.
If swallowed, seek medical advice immediately and show this container or label.
Do NOT induce vomiting.

Information for doctor:

Most important symptoms and effects, both acute and delayed Headache
Dizziness

Indication of any immediate medical attention and special treatment needed If swallowed or in case of vomiting, danger of entering the lungs.

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: For this mixture there are no extinguishing agent restrictions.

Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide (CO)
carbon dioxide (CO2)

Advice for firefighters

Protective equipment: Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
General measures for chemical fires.

(Contd. on page 4)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 3)

Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
Keep away from ignition sources.
Wear protective clothing.

Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Warm water and cleansing agent

Reference to other sections See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling: Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.

Precautions for safe handling Use only in well ventilated areas.
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.

General protective and hygienic measures: Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.

Information about fire - and explosion protection: Keep respiratory protective device available.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(Contd. on page 5)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 4)

Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
Information about storage in one common storage facility: Not required
Further information about storage conditions: Store receptacle in a well ventilated area.
Protect from frost.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:	
CAS: 34590-94-8 Dipropylene glycol monomethyl ether	
WEL	Long-term value: 308 mg/m³, 50 ppm Sk

DNELs		
CAS: 34590-94-8 Dipropylene glycol monomethyl ether		
Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	36 mg/kgKG/Tag
Dermal	DNEL Verbraucher (Langzeit - systemische Effekte)	121 mg/cm²
Inhalative	Worker (chronic - Systemic health effec)	308 mg/m³
	DNEL Verbraucher (Lanzeit - systemische Effekte)	37.2 mg/m³

PNECs	
CAS: 34590-94-8 Dipropylene glycol monomethyl ether	
PNEC sea water	1.9 mg/l
PNEC fresh water	19 mg/l
PNEC sediment (fresh water)	70.2 mg/kg
PNEC sediment (sea water)	7.02 mg/kg
PNEC soil	2.74 mg/kg
PNEC sewage treatment plant	4,168 mg/l
interrupted release	190 mg/l

Additional information: The lists valid during the making were used as basis.

(Contd. on page 6)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 5)

Exposure controls
Personal protective equipment:
General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Immediately remove all soiled and contaminated clothing
The usual precautionary measures are to be adhered to when handling chemicals.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.
See Section 7 for information on safe handling.

Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed.
Not necessary if room is well-ventilated.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
Use a properly fitted, air-purifying or air-fed repirator complying with an approved standard if a risk assessment indicates this is necessary.

Protection of hands: Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.4 mm
For the mixture the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR

Eye protection: Tightly sealed goggles

(Contd. on page 7)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 6)

Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	According to product specification
Odour:	Mild
Odour threshold:	Not determined
pH-value:	Mixture is non-polar/aprotic.
Change in condition	
Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	> 180 °C
Flash point:	≥ 63 °C (DIN EN ISO 2719)
Flammability	Not applicable
Auto-ignition temperature:	Undetermined
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.7 Vol %
Upper:	14.0 Vol %
Vapour pressure at 20 °C:	0.4 hPa
Density at 20 °C:	0.9-1.0 g/cm³ (DIN 51757)
Relative density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with water:	Fully miscible.
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
Dynamic:	Not determined

(Contd. on page 8)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 7)

Solvent content:	
VOC (EC)	< 400 g/l (VOC-max. Cat A/e (2010) = 400 g/l)
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity No further relevant information available.
Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
Possibility of hazardous reactions Reacts with fabric soaked in the product (e.g. cleaning wool).
Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)
Formation of toxic gases is possible during heating or in case of fire.
Additional information: Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly.

11 Toxicological information

Information on toxicological effects
Acute toxicity

LD/LC50 values relevant for classification:		
ATE (Acute Toxicity Estimates)		
Oral	LD50	72,197 mg/kg (rat)

CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)
CAS: 34590-94-8 Dipropylene glycol monomethyl ether		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	9,500 mg/kg (rat)
		13,000–14,000 mg/kg (rabbit)

(Contd. on page 9)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 8)

Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (selenastrum capricornutum)
CAS: 127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates		
Oral	LD50	2,000 mg/kg (rat)
CAS: 84418-68-8 Neodecanoic acid, zinc salt, basic		
Oral	LD50	>5,000 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	>3,640 mg/kg (rat) (Acute Dermal Toxicity)
	LC50 / 72h	2.05 mg/l (algae)
CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate		
Oral	LD50	500 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 / 4h	0.05 mg/l (ATE)

Primary irritant effect:

Skin corrosion/irritation No irritant effect.
Based on available data, the classification criteria are not met.

Serious eye damage/irritation Irritating effect.

Respiratory or skin sensitisation Sensitising effect by skin contact is possible by prolonged exposure.

Subacute to chronic toxicity: Based on available data, the classification criteria are not met.

12 Ecological information

Toxicity

Aquatic toxicity:	
CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %	
EC50 / 48h	>1,000 mg/l (Daphnia magna)
IC50 / 72h	>1,000 mg/l (algae)
LC50 / 96h	>1,000 mg/l (fish)
CAS: 34590-94-8 Dipropylene glycol monomethyl ether	
EC50 / 48h	70.2 mg/l
	1,919 mg/l (Daphnia magna)
EC50/ 72h	>969 mg/l (algae)
LC50 / 96h	>10,000 mg/l (aquatic vertebrates - in vivo)
	>1,000 mg/l (fish)
	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
LC50 / 48h	1,919 mg/l (daphnia)

(Contd. on page 10)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 9)

	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
CAS: 127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates	
EC50 / 48h	3.2 mg/l (Daphnia magna) (24h EC 50 acute immobilisation test)
Bioconceived factor	<3 (Flow-through fish test)
CAS: 84418-68-8 Neodecanoic acid, zinc salt, basic	
IC50/ 3h	5.2 mg/l (activated sludge organism) (Activated Sludge, Respiration Inhibition Test)
LC50 / 96h	0.112 mg/l (fish)
NOEC / 3 days	0.06 mg/l (algae)
CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate	
EC50 / 48h	0.16 mg/l (Daphnia magna)
EC50/ 72h	0.022 mg/l (algae)

Persistence and degradability No further relevant information available.
Behaviour in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.
Ecotoxical effects:
Remark: Harmful to aquatic life with long lasting effects.
Harmful to fish

Behaviour in sewage processing plants:	
CAS: 34590-94-8 Dipropylene glycol monomethyl ether	
EC50/ 96h	969 mg/l (algae)
CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate	
EC50/ 96h	0.067 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

Additional ecological information:
General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable
Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods
Recommendation Do not clean empty packaging before disposal.

(Contd. on page 11)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 10)

Paint must not be flushed down the drain, not even when cleaning painting tools.
Consumers: Dispose of paint leftovers at your local household hazardous waste collection point.
Professionals: Dispose of paint leftovers by contracting a waste management company.
For information on the prevention of the release of synthetic polymer particles see Section 15

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Solvent naphtha
Osmo Brush Cleaner and Thinner

14 Transport information

UN-Number ***ADR, ADN, IMDG, IATA***	Not applicable
UN proper shipping name ***ADR, ADN, IMDG, IATA***	Not applicable
Transport hazard class(es) ***ADR, ADN, IMDG, IATA*** ***Class***	Not applicable
Packing group ***ADR, IMDG, IATA***	Not applicable
Environmental hazards: ***Marine pollutant:***	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN "Model Regulation":	Not applicable

(Contd. on page 12)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 11)

15 Regulatory information

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

Regulated explosives precursors
None of the ingredients is listed.

Regulated poisons
None of the ingredients is listed.

Reportable explosives precursors
None of the ingredients is listed.

Reportable poisons
None of the ingredients is listed.

GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).
Hazard pictograms Void
Signal word Void
Hazard statements H412 Harmful 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.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulations.
Chemical safety assessment
Named dangerous substances - ANNEX I None of the ingredients is listed.

Information about limitation of use:
GISBAU-Code BSL20
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

(Contd. on page 13)

Safety data sheet
according to UK REACH

Printing date 13.02.2026 Version number 6.0 Revision: 11.02.2026

Trade name: UV-Protection-Oil Extra

(Contd. of page 12)

H411 Toxic to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008 The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: product safety department

Contact: Hr. Dr. Starp

Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources ESIS : European chemical Substances Information System
ECHA Portal
Safety data sheets from raw material suppliers

**** Data compared to the previous version altered.*** Additions, Deletions, Revisions
Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (UK REACH)