

Safety data sheet

according to UK REACH

Printing date 16.01.2026

Version number 3.0

Revision: 07.01.2026

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

Product identifier**Trade name:** Paint Stripper**Article number:** 6000**Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture

Paint remover

For removing synthetic resin varnishes, oil paints, thick-film glazes, architectural coatings.

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

ImporterImporter 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

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Additional information: For the wording of the listed hazard phrases refer to section 16.**Label elements****Hazard pictograms**

GHS07

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Signal word	Warning
Hazard-determining components of labelling:	1-butylpyrrolidin-2-one formic acid
Hazard statements	H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P264 Wash hands thoroughly after handling. P280 Wear protective gloves / eye protection. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with national regulations.
Other hazards	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: 3470-98-2 EINECS: 222-437-8 Reg.nr.: 01-2120062728-48-0000	1-butylpyrrolidin-2-one ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	10–25%
CAS: 64-18-6 EINECS: 200-579-1 Index number: 607-001-00-0	formic acid ⚠ Met. Corr. 1, H290; Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302 Specific concentration limits: Flam. Liq. 3; H226: C ≥ 85 % Skin Corr. 1A; H314: C ≥ 90 % Skin Corr. 1B; H314: 10 % ≤ C < 90 % Skin Irrit. 2; H315: 2 % ≤ C < 10 % Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 2 % ≤ C < 10 %	<2%

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

4 First aid measures

Description of first aid measures
General information: Immediately remove any clothing soiled by the product.

After inhalation: Take affected persons out into the fresh air.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor.

Information for doctor:
Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

Extinguishing media
Suitable extinguishing
agents: CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.
 Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents:

Water with full jet

Special hazards arising from the substance or mixture

Formation of gases harmful to health possible when heated or in the event of fire.

Do not inhale explosion gases or combustion gases.

Advice for firefighters
Protective equipment:

General measures for chemical fires.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray.

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Environmental precautions: Ensure adequate ventilation
Wear protective clothing.
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.
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:

Precautions for safe handling Avoid contact with skin and eyes.

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
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:

No special measures required.

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:

Store away from oxidising agents.
Do not store together with alkalis (caustic solutions).
Do not store together with oxidising and acidic materials.

Further information about storage conditions:

Store receptacle in a well ventilated area.
Protect from heat and direct sunlight.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Recommended storage temperature:

Store between 5°C and 35°C

Specific end use(s)

No further relevant information available.

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8 Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:
CAS: 64-18-6 formic acid

 WEL Long-term value: 9.6 mg/m³, 5 ppm

DNELs

Formic acid

INDEX-No. 607-001-00-0 / EC-No. 200-579-1 / CAS-No. 64-18-6

DNEL acute inhalative (local), worker: 19 mg/ml

DNEL acute inhalative (systemic), worker: 19 mg/ml

DNEL long-term inhalative (local), worker: 9.5 mg/ml

DNEL long-term inhalative (systemic), workers: 9.5 mg/ml

DNEL acute inhalative (local), consumer: 9.5 mg/ml

DNEL acute inhalative (systemic), consumer: 9.5 mg/ml

DNEL long-term inhalative (local), consumer: 3 mg/ml

DNEL long-term inhalative (systemic), consumer: 3 mg/ml

N-n-butylpyrrolidone

EC No. 222-437-8 / CAS No. 3470-98-2

DNEL long-term dermal (systemic), worker: 10 mg/kg

DNEL long-term inhalative (systemic), worker: 24.1 mg/mL

DNEL long-term oral (repeated), consumer: 2.5 mg/kg

DNEL long-term dermal (systemic), consumer: 5 mg/kg

DNEL long-term inhalative (systemic), consumer: 17.5 mg/mL

PNECs

Formic acid

INDEX-No. 607-001-00-0 / EC-No. 200-579-1 / CAS-No. 64-18-6

PNEC aquatic environment, fresh water: 2 mg/l

PNEC Waters, seawater: 0.2 mg/l

PNEC aquatic environment, periodic release: 1 mg/l

PNEC sediment, fresh water: 13.4 mg/kg

PNEC sediment, seawater: 1.34 mg/kg

PNEC, soil: 1.5 mg/kg

PNEC sewage treatment plant (STP): 7.2 mg/l

N-n-butylpyrrolidone

EC No. 222-437-8 / CAS No. 3470-98-2

PNEC aquatic environment, fresh water: 4 mg/l

PNEC Waters, seawater: 0.4 mg/l

PNEC aquatic environment, periodic release: 1 mg/l

PNEC Sediment, fresh water: 29.6 mg/kg

PNEC sediment, seawater: 2.96 mg/kg

PNEC, soil: 3.57 mg/kg

PNEC sewage treatment plant (STP): 30.62 mg/l

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

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
 Do not inhale gases / fumes / aerosols.
 The usual precautionary measures are to be adhered to when handling chemicals.
 Store protective clothing separately.
 Do not eat, drink, smoke or sniff while working.
 See Section 7 for information on safe handling.

Respiratory protection:

Not necessary if room is well-ventilated.
 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
 Fresh air masks or combination filters A2-P2 (EN529) are recommended for short-term work.

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 through 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:

Butyl rubber, BR

Eye protection:

If risk of splashing:
 Tightly sealed goggles

Body protection:

Protective work clothing

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9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Pasty
Colour:	Beige
Odour:	Specific type
Odour threshold:	Not determined

pH-value at 20 °C: 3-4 /1.0 Gew-% (Methode: pH-Elektrode)

Change in condition

Melting point/freezing point: -75 °C
Initial boiling point and boiling range: 100 °C (Literatur)

Flash point: 100 °C (Methode: Pensky-Martens)

Flammability Combustible liquid.

Auto-ignition temperature: >290 °C (Literatur)

Decomposition temperature: Not determined

Ignition temperature: > 290 °C (Literatur)

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: 0.95 Vol % (berechnet)
Upper: 47.6 Vol % (berechnet)

Vapour pressure at 20 °C: 42 hPa (Literatur)

Density at 20 °C: 1.09 g/cm³ (DIN 51757)

Relative density Not determined

Evaporation rate Not determined

Solubility in / Miscibility with water:

Partly soluble.

Partition coefficient: n-octanol/water: see section 12

Viscosity:

Dynamic at 20 °C: 10000 mPas

Solvent content:

VOC (EC) 19 g/l

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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	Reactions with acids and strong oxidizing agents.
Conditions to avoid	See Section 7 for information on safe handling.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	No hazardous decomposition products when stored and handled correctly. Formation of toxic gases is possible during heating or in case of fire. Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)

11 Toxicological information

Information on toxicological effects
Acute toxicity
LD/LC50 values relevant for classification:
ATE (Acute Toxicity Estimates)

Oral	LD50	>999–<14,912 mg/kg (rat)
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CAS: 3470-98-2 1-butylpyrrolidin-2-one

Oral	LD50	>300–<2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5.1 mg/l (rat)

CAS: 64-18-6 formic acid

Oral	LD50	1,100 mg/kg (rat)
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Primary irritant effect:
Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin
sensitisation No sensitising effects known.

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

Experience with humans: Prolonged and repeated contact with the product leads to fat loss of the skin and can cause non-allergic contact skin damage (contact dermatitis) and / or pollutant absorption.

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Splashes can cause eye irritation and reversible damage.

This product contains neither chlorinated nor aromatic hydrocarbons.

Nevertheless, the usual precautionary measures are to be taken when handling organic solvents.

Attention! Excessive influence, e.g. poor indoor ventilation can cause blurred vision. This is reversible when fresh air is supplied.

12 Ecological information

Toxicity

Aquatic toxicity:

CAS: 3470-98-2 1-butylpyrrolidin-2-one

EC50 / 48h 100 mg/l (Daphnia magna)

EC50/ 72h 130 mg/l (algae)

LC50 / 96h >100 mg/l (fish)

Persistence and degradability Formic acid

Degradability: 100 % (9 d)

Readily biodegradable (according to OECD criteria)

Behaviour in environmental systems:

Bioaccumulative potential

Formic acid

Partition coefficient n-octanol/water: -1.9

N-n-butylpyrrolidone

Partition coefficient n-octanol/water: 1.265

Mobility in soil

No further relevant information available.

Ecotoxicological effects:

Behaviour in sewage processing plants:

CAS: 3470-98-2 1-butylpyrrolidin-2-one

EC10 100 mg/l (Daphnia magna)

82 mg/l (fish)

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment

PBT:

Not applicable

vPvB:

Not applicable

Other adverse effects

No further relevant information available.

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13 Disposal considerations

Waste treatment methods
Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

Uncleaned packaging:
Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

14 Transport information

UN-Number ADR, IMDG, IATA	Not applicable
UN proper shipping name ADR, IMDG, IATA	Not applicable
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Not applicable
Packing group ADR, IMDG, IATA	Not applicable
Environmental hazards:	Not applicable
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

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.

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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


GHS07

Signal word

Warning

Hazard-determining components of labelling:
1-butylpyrrolidin-2-one
formic acid
Hazard statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves / eye protection.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with national regulations.

Chemical safety assessment
Named dangerous
substances - ANNEX I

None of the ingredients is listed.

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

H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

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H319 Causes serious eye irritation.

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
 Met. Corr. 1: Corrosive to metals – Category 1
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Corr. 1A: Skin corrosion/irritation – Category 1A
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 ECHA Portal
 Safety data sheets from raw material suppliers
 ESIS : European chemical Substances Information System

Sources*** 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)