

## Safety Data Sheet

### in accordance with HSNO

Date of issue: 09.02.2026

Version number 22.0 (replaces version 21.0)

Revision: 04.02.2026

#### SECTION 1: Identification of the substance or mixture and of the supplier

##### Other means of identification

**Trade name:** Osmo Polyx-Oil Original

**Article number:** 3011, 3032, 3040, 3041, 3044, 3062, 3065, 3067, 3071, 3072, 3073, 3074, 3075  
& 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:**

National Poison Centre: 0800 764 766 (0800 POISON)  
Chemcall 24/7 Emergency Response Service: 0800 243 622 (0800 CHEMCALL)  
Emergency Services (Fire, Ambulance, Police): Dial 111

**Importer**

Bailey Wood  
Osmo New Zealand 2025 Limited  
8011 Christchurch  
362 Cashel Street  
Neuseeland  
E-Mail: info@osmo.co.nz  
Telefon: 00649575/9849  
Mobil: 00642192/9555

#### SECTION 2: Hazards identification

##### Classification of the substance or mixture

Flammable liquids Category 4 H227 Combustible liquid.

**Additional information:** HSNO Classes: 3.1D

##### Label elements

**Hazard pictograms**

Void

**Signal word**

Warning

**Hazard statements**

H227 Combustible liquid.

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**Precautionary statements**

- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.
- P403 Store in a well-ventilated place.
- P501 Dispose of contents/container in accordance with national regulations.

**Other hazards**

Observe the general safety regulations when handling chemicals.

Always wear a dust mask when sanding.

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.

**Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable

### SECTION 3: Composition/Information on ingredients

**Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

|                                         |                                                                                                                                                                |             |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| CAS: 64742-48-9<br>EC number: 918-481-9 | aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %                                                                                 | 25-50%      |
|                                         | Aspiration hazard Category 1, H304; Flammable liquids Category 4, H227                                                                                         |             |
| CAS: 84418-68-8<br>EINECS: 282-780-4    | Neodecanoic acid, zinc salt, basic                                                                                                                             | ≥0.25-<2.5% |
|                                         | Hazardous to the aquatic environment acute Category 1, H400; Hazardous to the aquatic environment chronic Category 2, H411; Flammable liquids Category 4, H227 |             |

**SVHC** Not applicable**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**Description of first aid measures****General information:** Take affected persons out into the fresh air.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**After swallowing:** Do NOT induce vomiting.

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**Most important symptoms  
and effects, both acute and  
delayed**

If symptoms persist consult doctor.

 Dizziness  
 Headache

**Indication of any immediate  
medical attention and special  
treatment needed**

No further relevant information available.

### SECTION 5: Fire fighting measures

**Extinguishing media  
Suitable extinguishing  
agents:**
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
**For safety reasons unsuitable  
extinguishing agents:**

Water with full jet

**Special hazards arising from  
the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**
**Protective equipment:**

General measures for chemical fires.

**Additional information**

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

### SECTION 6: Accidental release measures

**Personal precautions,  
protective equipment and  
emergency procedures**

 Ensure adequate ventilation  
 Keep away from ignition sources.  
 Wear protective clothing.

**Environmental precautions:**

 Do not allow product to reach sewage system or any water course.  
 Inform respective authorities in case of seepage into water course or sewage  
 system.

**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.

**Reference to other sections**

 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

### SECTION 7: Handling and storage

**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:** Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Store protective clothing separately.  
 Do not inhale gases / fumes / aerosols.

**Information about fire - and explosion protection:** Keep respiratory protective device available.

**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:** Protect from frost.  
 Keep container tightly sealed.  
 Store in cool, dry conditions in well sealed receptacles.

**Storage class:** 10

**Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

**Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:** Do not eat, drink, smoke or sniff while working.  
 Do not carry product impregnated cleaning cloths in trouser pockets.

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**Respiratory protection:**

Keep away from foodstuffs, beverages and feed.  
 Avoid contact with the eyes and skin.  
 Immediately remove all soiled and contaminated clothing  
 Store protective clothing separately.  
 Do not inhale gases / fumes / aerosols.  
 Use suitable respiratory protective device only when aerosol or mist is formed.  
 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.  
 Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.  
 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.

**Hand protection**

Not necessary if room is well-ventilated.  
 To avoid skin problems reduce the wearing of gloves to the required minimum.  
 Protective gloves

**Material of 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  
 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:**

Nitrile rubber, NBR  
 Recommended thickness of the material:  $\geq 0.4$  mm  
 For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

**For the permanent contact of  
 a maximum of 15 minutes  
 gloves made of the following  
 materials are suitable:**

Nitrile rubber, NBR

**As protection from splashes  
 gloves made of the following  
 materials are suitable:**

Nitrile rubber, NBR

**Eye/face protection**

Tightly sealed goggles

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**Body protection:**

Protective work clothing

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

##### General Information

**Physical state**

Liquid

**Colour:**

Different according to colouring

**Odour:**

Mild

**Odour threshold:**

Not determined

**Melting point/freezing point:**

Undetermined

**Boiling point or initial boiling point and boiling range**

180 °C (356 °F)

**Flammability**

The mixture is capable of catching fire or being set on fire.

#### Lower and upper explosion limit

**Lower:**

0.7 Vol %

**Upper:**

6.0 Vol %

**Flash point:**

&gt; 60 °C (&gt; 140 °F) (DIN EN ISO 2719)

**Auto-ignition temperature:**

240 °C (464 °F)

**Decomposition temperature:**

Undetermined

**pH**

Not applicable

**Viscosity:****Kinematic viscosity**

Not determined

**Kinematic viscosity at 40 °C (104 °F)**>21 mm<sup>2</sup>/s (calculated)**Dynamic at 20 °C (68 °F):**

95–240 mPas

**Solubility****water:**

Not miscible or difficult to mix.

**Partition coefficient n-octanol/water (log value)**

Not determined

**Vapour pressure:**

Not determined

**Density and/or relative density****Density at 20 °C (68 °F):**0.88–0.95 g/cm<sup>3</sup> (7.344–7.928 lbs/gal) (DIN 51757)**Particle characteristics**

Not applicable

#### Other information

**Appearance:****Form:**

Viscous

**Important information on protection of health and environment, and on safety.**
**Explosive properties:**

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

**Solvent separation test:**

&lt;3% ADR/RID

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**Information with regard to physical hazard classes**

|                                                                                  |                     |
|----------------------------------------------------------------------------------|---------------------|
| <b>Explosives</b>                                                                | Void                |
| <b>Flammable gases</b>                                                           | Void                |
| <b>Aerosols</b>                                                                  | Void                |
| <b>Oxidising gases</b>                                                           | Void                |
| <b>Gases under pressure</b>                                                      | Void                |
| <b>Flammable liquids</b>                                                         | Combustible liquid. |
| <b>Flammable solids</b>                                                          | Void                |
| <b>Self-reactive substances and mixtures</b>                                     | Void                |
| <b>Pyrophoric liquids</b>                                                        | Void                |
| <b>Pyrophoric solids</b>                                                         | Void                |
| <b>Self-heating substances and mixtures</b>                                      | Void                |
| <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void                |
| <b>Oxidising liquids</b>                                                         | Void                |
| <b>Oxidising solids</b>                                                          | Void                |
| <b>Organic peroxides</b>                                                         | Void                |
| <b>Corrosive to metals</b>                                                       | Void                |
| <b>Desensitised explosives</b>                                                   | Void                |

### SECTION 10: Stability and reactivity

|                                                          |                                                                                                                                                                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                                        | No further relevant information available.                                                                                                                                                                                   |
| <b>Chemical stability</b>                                |                                                                                                                                                                                                                              |
| <b>Thermal decomposition / conditions to be avoided:</b> | No decomposition if used according to specifications.                                                                                                                                                                        |
| <b>Possibility of hazardous reactions</b>                | Reacts with fabric soaked in the product (e.g. cleaning wool).                                                                                                                                                               |
| <b>Conditions to avoid</b>                               | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                                                                                                               |
| <b>Incompatible materials:</b>                           | No further relevant information available.                                                                                                                                                                                   |
| <b>Hazardous decomposition products:</b>                 | Carbon monoxide and carbon dioxide<br>Nitrogen oxides (NO <sub>x</sub> )                                                                                                                                                     |
| <b>Additional information:</b>                           | 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. |

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### SECTION 11: Toxicological information

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

**Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

**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: 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)                          |

#### Primary irritant effect:

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

#### Respiratory or skin

**sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

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

#### Information on other hazards

#### Endocrine disrupting properties

None of the ingredients is listed.

### SECTION 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)          |

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**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)                                                                    |

**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Results of PBT and vPvB assessment**
**PBT:** Not applicable

**vPvB:** Not applicable

**Endocrine disrupting**
**properties** The product does not contain substances with endocrine disrupting properties.

**Other adverse effects**
**Additional ecological information:**
**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

**SECTION 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:**

Solvent naphtha

**SECTION 14: Transport information**
**UN number or ID number**
**NZS, ADN, IMDG, IATA**

Not applicable

**UN proper shipping name**
**NZS, ADN, IMDG, IATA**

Not applicable

**Transport hazard class(es)**
**NZS, ADN, IMDG, IATA**
**Class**

Not applicable

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|                                                                |                |
|----------------------------------------------------------------|----------------|
| <b>Packing group</b><br><b>NZS, IMDG, IATA</b>                 | Not applicable |
| <b>Environmental hazards:</b><br><b>Marine pollutant:</b>      | No             |
| <b>Special precautions for user</b>                            | Not applicable |
| <b>Maritime transport in bulk according to IMO instruments</b> | Not applicable |
| <b>UN "Model Regulation":</b>                                  | Not applicable |

### SECTION 15: Regulatory information

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

##### New Zealand Inventory of Chemicals

All ingredients are listed.

##### HSNO Approval numbers

None of the ingredients is listed.

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GHS label elements</b>       | The product is classified and labelled according to the Globally Harmonised System (GHS).                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Hazard pictograms</b>        | Void                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Signal word</b>              | Warning                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Hazard statements</b>        | H227 Combustible liquid.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Precautionary statements</b> | P102 Keep out of reach of children.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P370+P378 In case of fire: Use CO <sub>2</sub> , powder or water spray to extinguish.<br>P403 Store in a well-ventilated place.<br>P501 Dispose of contents/container in accordance with national regulations. |

#### Chemical safety assessment

##### Named dangerous

**substances - ANNEX I** None of the ingredients is listed.

#### National regulations:

**GISBAU-Code** GISCODE: Ö60

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### SECTION 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**

H227 Combustible liquid.  
 H304 May be fatal if swallowed and enters airways.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.

**Recommended restriction of use**

Keep out of the reach of children

**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)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative  
 Flammable liquids Category 4: Flammable liquids – Category 4  
 Aspiration hazard Category 1: Aspiration hazard – Category 1  
 Hazardous to the aquatic environment acute Category 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Hazardous to the aquatic environment chronic Category 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**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 (REACH)