

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 28.03.2012

Version number 10

Revision: 28.03.2012

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

1.1 Product identifier

Trade name: **3029 Osmo Liquid Wax Cleaner, Clear**

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

Application of the substance / the preparation

Maintenance product
 Cleaning agent/ Cleaner

1.3 Details of the supplier of the safety data sheet

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

Further information obtainable from:

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

1.4 Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

R10-66-67: Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Classification system: The classification is according to the latest editions of the EU-lists and extended by company and literature data.

2.2 Label elements

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Risk phrases:

10 Flammable.
 66 Repeated exposure may cause skin dryness or cracking.
 67 Vapours may cause drowsiness and dizziness.

Safety phrases:

2 Keep out of the reach of children.
 16 Keep away from sources of ignition - No smoking.
 24/25 Avoid contact with skin and eyes.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 46 If swallowed, seek medical advice immediately and show this container or label.
 51 Use only in well-ventilated areas.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2012

Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 1)

Additional information: Observe the general safety regulations when handling chemicals.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

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

Dangerous components:

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	50-100%
EINECS: 265-151-9	Xn R65	
Index number: 649-328-00-1	R10-66-67 Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336	

Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons	≥ 30%
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Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

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

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

After swallowing: If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

Headache

Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

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

(Contd. on page 3)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 28.03.2012

Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 2)

**For safety reasons unsuitable
 extinguishing agents:**

Water with full jet

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

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

5.3 Advice for firefighters

Protective equipment:

Mouth respiratory protective device.

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

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

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

6.2 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.

**6.3 Methods and material for
 containment and cleaning up:**

Warm water and cleansing agent

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

6.4 Reference to other sections

See Section 13 for disposal information.

7 Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Use only in well ventilated areas.

Keep away from heat and direct sunlight.

Prevent formation of aerosols.

**Information about fire - and
 explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by

storerooms and receptacles:

Store only in the original receptacle.

Store in a cool location.

**Information about storage in one
 common storage facility:**

Do not store together with alkalis (caustic solutions).

Do not store together with oxidizing and acidic materials.

**Further information about
 storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

(Contd. on page 4)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 28.03.2012

Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 3)

7.3 Specific end use(s)

No further relevant information available.

8 Exposure controls/personal protection

**Additional information about
 design of technical facilities:**

No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

64742-49-0 Naphtha (petroleum), hydrotreated light

TWA (8 H)	Short-term value: 1000 mg/m ³ Source UK SIA
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Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls**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.
 Avoid contact with the eyes and skin.
 Immediately remove all soiled and contaminated clothing
 Keep away from foodstuffs, beverages and feed.

Respiratory protection:

Use suitable respiratory protective device only when aerosol or mist is formed.
 Not necessary if room is well-ventilated.
 Short term filter device:
 Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 ° C)).

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

Nitrile rubber, NBR

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

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

Nitrile rubber, NBR

Eye protection:

Tightly sealed goggles

(Contd. on page 5)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 28.03.2012

Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 4)

Body protection: Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid
Colour: According to product specification
Odour: Mild

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: > 140°C

Flash point: > 27°C (DIN 53213)

Ignition temperature: 287°C

Self-igniting: Product is not selfigniting.

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

Explosion limits:

Lower: 0.8 Vol % (Lösemittel)
Upper: 6.0 Vol % (Lösemittel)

Vapour pressure at 20°C: 10 hPa

Density at 20°C: 0.77-0.8 g/cm³ (DIN 51757)

Solubility in / Miscibility with water:

Not miscible or difficult to mix.

Viscosity:

Kinematic at 20°C: 30 s (DIN 53211/4)
 > 30 s (ISO 3mm)

9.2 Other information No further relevant information available.

10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition /

conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

(Contd. on page 6)

Safety data sheet
 according to 1907/2006/EC, Article 31

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Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 5)

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide
 Nitrogen oxides (NO_x)

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4h	>20 mg/l (rat)

Primary irritant effect:

on the skin: At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

12 Ecological information

12.1 Toxicity

Aquatic toxicity:

64742-49-0 Naphtha (petroleum), hydrotreated light

EC50 / 24h	<130 mg/kg (Oncorhynchus mykiss (Regenbogenforelle)) >100 mg/kg (selenastrum capricornutum)
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12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

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

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

(Contd. on page 7)

Safety data sheet
 according to 1907/2006/EC, Article 31

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Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 6)

13 Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
15 01 10	packaging containing residues of or contaminated by dangerous substances

Uncleaned packaging:
Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents: Solvent naphtha

14 Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN1263

14.2 UN proper shipping name
ADR

1263 PAINT

IMDG, IATA

PAINT

14.3 Transport hazard class(es)
ADR
Class

3 (F1) Flammable liquids.

Label

3

IMDG, IATA
Class

3 Flammable liquids.

Label

3

14.4 Packing group
ADR, IMDG, IATA

III

14.5 Environmental hazards:
Marine pollutant:

No

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler):

30

EMS Number:

F-E,S-E

14.7 Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code

Not applicable.

(Contd. on page 8)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 28.03.2012

Version number 10

Revision: 28.03.2012

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

(Contd. of page 7)

Transport/Additional information:

ADR**Tunnel restriction code**

D/E

15 Regulatory information

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

National regulations:

GISBAU-Code

GISCODE: GH10

15.2 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.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Department issuing MSDS: product safety department

Contact: Hr. Dr. Starp

*** Data compared to the previous version altered.**