

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 11.02.2008

Revision: 11.02.2008

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

Product details

Trade name: 3029 Osmo Liquid Wax Cleaner, Clear

Application of the substance / the preparation

Maintenance product
Cleaning agent/ Cleaner

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

Information in case of emergency:

emergency phone no. Berlin (24h): +49 (0) 30 / 19240

2 Hazards identification

Hazard description: Not applicable.

Information concerning particular hazards for human and environment:

R 10 Flammable.
R 66 Repeated exposure may cause skin dryness or cracking.
R 67 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.

3 Composition/information on ingredients

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	Xn; R 10-65-66-67	50-100%
EINECS: 265-151-9			

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

General information:

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

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After inhalation:	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
After skin contact:	In case of unconsciousness place patient stably in side position for transportation.
After eye contact:	Immediately wash with water and soap and rinse thoroughly.
After swallowing:	Rinse opened eye for several minutes under running water. Then consult a doctor.
Information for doctor:	If swallowed, seek medical advice immediately and show this container or label.
The following symptoms may occur:	Headache Dizziness

5 Fire-fighting measures

Suitable extinguishing agents:	CO ₂ , 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 caused by the substance, its products of combustion or resulting gases:	Formation of toxic gases is possible during heating or in case of fire.
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

Person-related safety precautions:	Ensure adequate ventilation Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.
Measures for environmental protection:	Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.
Measures for cleaning/collecting:	Warm water and cleansing agent Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Additional information:	See Section 13 for disposal information.

7 Handling and storage

Handling:	
Information for safe handling:	Keep receptacles tightly sealed. Use only in well ventilated areas.

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Information about fire - and explosion protection:

Keep away from heat and direct sunlight.
 Prevent formation of aerosols.
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.

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.

8 Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

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.

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.

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

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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

Body protection:

Protective work clothing

9 Physical and chemical properties

General Information

Form: Fluid
Colour: Colourless
Odour: Mild

Change in condition

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

Flash point: > 27°C

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 %
Upper: 6.0 Vol %

Vapour pressure at 20°C: 10 hPa

Density at 20°C: 0.77 g/cm³

Solubility in / Miscibility with water:

Fully miscible.

Viscosity:

Kinematic at 20°C: 30 s (DIN 53211/4)

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10 Stability and reactivity

**Thermal decomposition /
 conditions to be avoided:**

No decomposition if used according to specifications.

**Dangerous decomposition
 products:**

Carbon monoxide and carbon dioxide
 Nitrogen oxides (NO_x)

11 Toxicological information

Acute toxicity:

LD/LC50 values relevant for classification:

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

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

Ecotoxicological effects:

Acquatic toxicity:

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

EC50	<130 mg/kg (Oncorhynchus mykiss (Regenbogenforelle))
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	>100 mg/kg (selenastrum capricornutum)
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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.

13 Disposal considerations

Product:

Recommendation

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

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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****Land transport ADR/RID (cross-border)****ADR/RID class:** 3 Flammable liquids.**Danger code (Kemler):** 30**UN-Number:** 1263**Packaging group:** III**Hazard label:** 3**Description of goods:** 1263 PAINT**Maritime transport IMDG:****IMDG Class:** 3**UN Number:** 1263**Label:** 3**Packaging group:** III**EMS Number:** F-E,S-E**Marine pollutant:** No**Proper shipping name:** PAINT**Air transport ICAO-TI and IATA-DGR:****ICAO/IATA Class:** 3**UN/ID Number:** 1263**Label:** 3**Packaging group:** III**Proper shipping name:** PAINT**15 Regulatory information****Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.
 Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed.

Risk phrases:

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

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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.

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

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 R-phrases

- 10 Flammable.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

Department issuing MSDS: product safety department
Contact: Hr. Dr. Starp