

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

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

### Product identifier

**Trade name:** **013 Osmo Garapa Oil, Natural shade**

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

**Application of the substance / the preparation**

Wood treatment  
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

**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

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

## 2 Hazards identification

### Classification of the substance or mixture

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

Not applicable.

**Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**

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

### Label elements

**Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).  
Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed.

**Safety phrases:**

2 Keep out of the reach of children.  
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.

(Contd. on page 2)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 1)

51 Use only in well-ventilated areas.

**Special labelling of certain preparations:****Warning:**

Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

Contains 2-butanonoxime, cobalt carboxylate. May produce an allergic reaction.

Safety data sheet available for professional user on request.

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

### 3 Composition/information on ingredients

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

CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	Xn R65	30-60%
EINECS: 265-150-3		R66	
		GHS08 Asp. Tox. 1, H304	

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

### 4 First aid measures

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

Take affected persons out into the fresh air.

**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.

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**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.

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

Headache

Dizziness

(Contd. on page 3)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 2)

### 5 Firefighting 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:** 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

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

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

Ensure adequate ventilation

**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:**

Warm water and cleansing agent

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

**Reference to other sections**

See Section 13 for disposal information.

No dangerous substances are released.

### 7 Handling and storage

**Handling:**

**Precautions for safe handling**

Keep away from heat and direct sunlight.

Keep receptacles tightly sealed.

Use only in well ventilated areas.

Prevent formation of aerosols.

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

Keep ignition sources away - Do not smoke.

(Contd. on page 4)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 3)

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by****storerooms and receptacles:**

Store in a cool location.  
Store only in the original receptacle.

**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.

**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****Personal protective equipment:****General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing  
Keep away from foodstuffs, beverages and feed.  
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.

**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

**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.

(Contd. on page 5)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 4)

*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:*

Goggles recommended during refilling

*Body protection:*

Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

*Form:* Fluid

*Colour:* Light brown

*Odour:* Mild

#### Change in condition

*Melting point/Melting range:* Undetermined.

*Boiling point/Boiling range:* > 180°C

*Flash point:* ≥ 62 °C (DIN 53213)

*Ignition temperature:* 240°C

*Self-igniting:* Product is not selfigniting.

*Danger of explosion:* Product does not present an explosion hazard.

#### Explosion limits:

*Lower:* 0.6 Vol %

*Upper:* 7.0 Vol %

*Density at 20°C:* 0.93 g/cm<sup>3</sup> (DIN 51757)

#### Solubility in / Miscibility with water:

Not miscible or difficult to mix.

#### Viscosity:

*Kinematic at 20°C:* 25 - 35 s (DIN 53211/4)

> 30 s (ISO 3mm)

#### Solvent content:

*VOC (EC)* Not applicable.

(Contd. on page 6)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 5)

### 10 Stability and reactivity

**Reactivity****Chemical stability****Thermal decomposition /****conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions**

Reacts with fabric soaked in the product (e.g. cleaning wool).

Self igniting.

Exothermic reaction.

Forms heat.

**Hazardous decomposition****products:**

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO<sub>x</sub>)**Additional information:**

Warning:

Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

### 11 Toxicological information

**Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****64742-48-9 Naphtha (petroleum), hydrotreated heavy**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

**96-29-7 2-butanonoxime**

Oral	LD50	3700 mg/kg (rat)
Dermal	LD50	200-2000 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.

**Additional toxicological****information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

(Contd. on page 7)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 6)

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information

#### Toxicity

##### Acquatic toxicity:

##### 64742-48-9 Naphtha (petroleum), hydrotreated heavy

EC50 / 48h &gt;1000 mg/l (daphnia)

IC50 / 72h &gt;1000 mg/l (algae)

LC50 / 96h &gt;1000 mg/l (fish)

##### Behaviour in environmental systems:

**Bioaccumulative potential** 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.

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 13 Disposal considerations

#### 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

#### Land transport ADR/RID (cross-border)

**ADR/RID class:** -

(Contd. on page 8)

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

Printing date 30.05.2011

Version number 12

Revision: 30.05.2011

**Trade name: 013 Osmo Garapa Oil, Natural shade**

(Contd. of page 7)

**Maritime transport IMDG:**

**IMDG Class:** -  
**Marine pollutant:** No

**Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:** -

**Special precautions for user** Not applicable.

### 15 Regulatory information

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

**National regulations:**

**VOC (EC)** Not applicable.

**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**

H304 May be fatal if swallowed and enters airways.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

**Department issuing MSDS:** product safety department

**Contact:** Hr. Dr. Starp

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