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Material Safety Data Sheets

according to 1907/2006/EC, Article 31

Printing date 17.03.2016

Version number 3

Revision: 17.03.2016

GB

1.1 Product identifier	
Trade name:	8019 Osmo Intensive Cleaner
1.2 Relevant identified uses of t	the
substance or mixture and uses	
advised against	No further relevant information available.
Application of the substance / t	he
mixture	Cleaning agent/ Cleaner
1.3 Details of the supplier of th	e safety data sheet
Manufacturer/Supplier:	Osmo Holz und Color GmbH & Co. KG
y 11	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 Germa
	and English
SECTION 2: Hazards ide	ntification
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P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 If in eyes: Rinse cautiously with water for several m contact lenses, if present and easy to do. Continue rin P501 Dispose of contents/container in accordance with national/international regulations. Additional information: Reacts with acid under evolution of heat. Risk of splashing! Observe the general safety regulations when handling chemicals. 2.3 Other hazards Results of PBT and vPvB assessment PBT: PBT: Not applicable. SECTION 3: Composition/information on ingredients 3.2 Mixtures Description: Mixture of substances listed below with nonhazardous additions. Dangerous components: CAS: 6834-92-0 EINECS: 229-912-9 Misdoium metasilicate EINECS: 229-912-9 EVIN 0.5 Kin Corr. 1B, H314; STOT SE 3, H335 CAS: 61791-10-4 Quaternary ammoniumcompounds, coco alkylbis(hydroxyethyl)methyl, ethor chlorides ① Eye Irrit. 2, H319; Aquatic Chronic 3, H412 Extra alcohol ethoxylate ② Skin Irrit. 2, H315; Eye Irrit. 2, H319 Regulation (EC) No 648/2004 on detergents / Labelling for contents Cationic surfactants, NTA (nitrilotriacetic acid) and salts thereof, fatty alcohol ethoxylate Additional information: For the wording of the listed hazard phrases refer to section 16. SE	(Contd. o	of pag
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After inhalation:Take affected persons out into the fresh air.Supply fresh air.	welothing soiled by the product	
After inhalation: Supply fresh air.		
Ajter skin contact. Initionalery wash with water and soap and thise thoroughly.	water and soan and rinse thoroughly	
•		
After eye contact:Rinse opened eye for several minutes under running water. Then consultAfter swallowing:Do not induce vomiting; call for medical help immediately.	-	ч.

- Do not induce vomiting; call for medical help immediately.
- Rinse out mouth and then drink plenty of water.

(Contd. on page 3)



according to 1907/2006/EC, Article 31

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Trade name: 8019 Osmo Intensive Cleaner

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4.2 Most important symptoms and
effects, both acute and delayed
4.3 Indication of any immediate
medical attention and special
treatment neededNo further relevant information available.

SECTION 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.
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.
	Nitrogen oxides (NOx)
	Carbon monoxide (CO)
5.3 Advice for firefighters	Concentrated product is not flammable.
Protective equipment:	Wear self-contained respiratory protective device.
Additional information	Dispose of fire debris and contaminated fire fighting water in accordance with official
	regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and	
emergency procedures	Ensure adequate ventilation
	Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions:	Dilute with plenty of water.
	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).
	Dispose of the material collected according to regulations.
6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	Keep receptacles tightly sealed.	
	Use only in well ventilated areas.	
	Ensure good ventilation/exhaustion at the workplace.	
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Trade name: 8019 Osmo Intensive Cleaner Prevent formation of aerosols. Information about fire - and explosion protection: No special measures required.

7.2 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 Do not store together with acids. common storage facility: Further information about Protect from frost. storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles. 7.3 Specific end use(s) No further relevant information available.

SECTION 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:	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.
8.2 Exposure controls	
Personal protective equipment:	
General protective and hygienic	
measures:	Do not carry product impregnated cleaning cloths in trouser pockets.
	Keep away from foodstuffs, beverages and feed.
	Immediately remove all soiled and contaminated clothing
	Avoid contact with the eyes and skin.
	Do not inhale gases / fumes / aerosols.
	Wash hands before breaks and at the end of work.
Respiratory protection:	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	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
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(Contd. of page 4) calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material The exact break trough 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 Nitrile rubber, NBR are suitable: As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR Eye protection: If risk of splashing: Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection) When transferring or diluting: plastic apron **Body protection:**

SECTION 9: Physical and chemical properties

General Information		
Appearance:		
Form:	Fluid	
Colour:	Pale	
Odour:	Mild	
Odour threshold:	Not determined.	
pH-value (10 g/l) at 20 °C:	10.9	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	100 °C	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Ignition temperature:		
Decomposition temperature:	Not determined.	
Self-igniting:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
Vapour pressure at 20 °C:	23 hPa	
		(Contd. on pag



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Density at 20 °C:	1.068 g/cm ³ (DIN 51757)	
Relative density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
water:	Fully miscible.	
Partition coefficient (n-octanol/	water): Not determined.	
Viscosity:		
Dynamic at 20 °C:	32 mPas	
Kinematic:	> 30 s (ISO 3mm)	
9.2 Other information	No further relevant information available.	
SECTION 10: Stability and	d reactivity	
10.1 Reactivity	No further relevant information available.	
10.2 Chemical stability		
Thermal decomposition /		
conditions to be avoided:	No decomposition if used according to specifications.	
10.3 Possibility of hazardous		
reactions	Strong exothermic reaction with acids.	
10.4 Conditions to avoid	Heating above 80 °C, frost	
10.5 Incompatible materials:	Caution! Do not use with other products.	
10.6 Hazardous decomposition		
products:	Carbon monoxide and carbon dioxide	
<i>p</i> : • • • • • • • • • • • • • • • • • • •	Nitrogen oxides (NOx)	
SECTION 11: Toxicologic	al information	
11.1 Information on toxicologic	al effects	
Acute toxicity	Based on available data, the classification criteria are not met.	
Primary irritant effect:		
Skin corrosion/irritation	Causes skin irritation.	
	Causes skin irritation.	
Serious eye damage/irritation	Causes serious eye damage.	
Serieus eye uunugerir nution	Causes serious eye damage.	
Respiratory or skin sensitisation		
	tagenicity and toxicity for reproduction)	
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.	
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Aspiration hazard

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

SECTION 12: Ecological information

12.1 Toxicity			
Aquatic toxicity:	No further relevant information available.		
12.2 Persistence and degradabilit	y Easily biodegradable		
Method	OECD (19 days)		
Analysing method	301 c		
Degree of elimination:	> 90%		
12.3 Bioaccumulative potential	No further relevant information available.		
12.4 Mobility in soil	No further relevant information available.		
Ecotoxical effects:			
Remark:	In dilution no effect of the biological sewage treatment plant.		
Additional ecological information	1:		
COD-value:	~ 400 mg/g		
AOX-indication:	free		
According to the formulation			
contains the following heavy			
metals and compounds from the			
EU guideline NO. 2006/11/EC:	none		
General notes:	Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water		
	Danger to drinking water if even small quantities leak into the ground.		
12.5 Results of PBT and vPvB ass	sessment		
PBT:	Not applicable.		
vPvB:	Not applicable.		
12.6 Other adverse effects	No further relevant information available.		

SECTION 13: Disposal considerations

13.1 Waste Recommen	e treatment methods ndation	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
European	waste catalogue	
07 06 01*	aqueous washing liquids and mother liquors	
07 06 99	wastes not otherwise specified	
Uncleaned packaging: Recommendation: Packaging may be reused or recycled after cleaning. Recommended cleansing agents: Water, if necessary together with cleansing agents.		

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SECTION 14: Transport information	l	
14.1 UN-Number		
ADR, ADN, IMDG, IATA	Void	
14.2 UN proper shipping name		
ADR, ADN, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA		
Class	Void	
14.4 Packing group		
ADR, IMDG, IATA	Void	
14.5 Environmental hazards:		
Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
14.7 Transport in bulk according to Annex 1	I of Marpol	
and the IBC Code	Not applicable.	
UN "Model Regulation":	Void	

SECTION 15: Regulatory information

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

National regulations:GISBAU-CodeGISCODE: GG4015.2 Chemical safety assessment:A Chemical Safety Assessment has not been carried out.

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	H314 Causes severe skin burns and eye damage.
	H315 Causes skin irritation.
	H319 Causes serious eye irritation.
	H335 May cause respiratory irritation.
	H412 Harmful to aquatic life with long lasting effects.
Department issuing MSDS:	product safety department
Contact:	Hr. Dr. Starp
Abbreviations and acronyms:	ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)



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Trade name: 8019 Osmo Intensive Cleaner (Contd. of page 8) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3