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

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Trade name: 8000 Osmo Brush Cleaner and Thinner (Contd. of page 1) Hazard pictograms Signal word Danger Hazard-determining components aliphatic hydrocarbons, C10-C13 of labelling: H304 May be fatal if swallowed and enters airways. Hazard statements P101 If medical advice is needed, have product container or label at hand. **Precautionary statements** P102 Keep out of reach of children. P103 Read label before use. P260 Do not breathe vapours. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P331 Do NOT induce vomiting. Dispose of contents/container in accordance with local/regional/national/ P501 international regulations. Additional information: EUH066 Repeated exposure may cause skin dryness or cracking. 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. **SECTION 3: Composition/information on ingredients** 3.2 Mixtures Mixture of substances listed below with nonhazardous additions. **Description: Dangerous components:** CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 50-100% 🗙 Xn R65 EC number: 918-481-9 Index number: 649-327-00-6 R66 Reg.nr.: 01-2119457273-39 🚯 Asp. Tox. 1, H304 Regulation (EC) No 648/2004 on detergents / Labelling for contents ≥ 30% aliphatic hydrocarbons Additional information: For the wording of the listed risk phrases refer to section 16. **SECTION 4: First aid measures** 4.1 Description of first aid measures General information: Immediately remove any clothing soiled by the product. Take affected persons out into the fresh air. (Contd. on page 3)



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After inhalation:	(Contd. of page 2) 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.
4.2 Most important symptoms and	!
effects, both acute and delayed	Unconsciousness
	Nausea
	Dizziness
	Headache
	Dizziness
Hazards	Danger of pneumonia.
4.3 Indication of any immediate medical attention and special	
treatment needed	No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing agents:	Sand	
	Fire-extinguishing powder	
	Water haze	
	Carbon dioxide	
	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.	
5.3 Advice for firefighters		
Protective equipment:	Wear self-contained respiratory protective device.	
	Wear fully protective suit.	
Additional information	Cool endangered receptacles with water spray.	

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and	
emergency procedures	Keep away from ignition sources.
	Ensure adequate ventilation
6.2 Environmental precautions:	Do not allow to penetrate the ground/soil.

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	Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for	
containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders
containment and creating up.	Dispose contaminated material as waste according to item 13.
	Ensure adequate ventilation.
6.4 Reference to other sections	See Section 7 for information on safe handling.
0.4 Reference to other sections	See Section 7 for information on personal protection equipment.
	See Section 13 for disposal information.
SECTION 7: Handling and	storage
SECTION 7. Hunaning unu	sionage
7.1 Precautions for safe handling	Use only in well ventilated areas.
	Store in cool, dry place in tightly closed receptacles.
	Keep away from heat and direct sunlight.
	Ensure good ventilation/exhaustion at the workplace.
	Prevent formation of aerosols.
Information about fire - and	
explosion protection:	Fumes can combine with air to form an explosive mixture.
	Highly volatile, flammable constituents are released during processing.
7.2 Conditions for safe storage, in	cluding 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:	Store away from foodstuffs.
	Do not store together with alkalis (caustic solutions).
	Do not store together with oxidizing and acidic materials.
Further information about	
storage conditions:	Protect from heat and direct sunlight.
	Store in a cool place. Heat will increase pressure and may lead to the recepta
	bursting.
	Store receptacle in a well ventilated area.
	Keep container tightly sealed.
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.

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Not suitable are gloves made of the following materials: Strong material gloves		Nitrile rubber, NBR
the following materials: Strong material gloves		
		Strong material gloves
	Eye protection:	Goggles recommended during refilling



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Body protection:	Protective work clothing	(Contd. of pa
	-	
SECTION 9: Physical and	chemical properties	
9.1 Information on basic physica	l and chemical properties	
General Information		
Appearance:	T · · · 1	
Form: Colour:	Liquid Clear	
	Clear Mild	
Odour:	Mild	
Change in condition		
Melting point/Melting range:	-25 °C	
Boiling point/Boiling range:	>180 °C	
Flash point:	> 61 °C	
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 %	
Vapour pressure at 0 °C:	1 hPa	
Density at 20 °C:	0.787 g/cm ³	
Solubility in / Miscibility with		
water:	Not miscible or difficult to mix.	
Viscosity:		
Kinematic at 20 °C:	2 mm²/s	
9.2 Other information	No further relevant information available.	

SECTION 10: Stability and reactivity

10.1 Reactivity		
10.2 Chemical stability		
Thermal decomposition /		
conditions to be avoided:	No decomposition if used and stored according to specifications.	
10.3 Possibility of hazardous		
reactions	No dangerous reactions known.	
10.4 Conditions to avoid	No further relevant information available.	
		(Contd. on no

(Contd. on page 7)

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10.5 Incompatible materials:	No further relevant information available.
10.6 Hazardous decomposition	
products:	Carbon monoxide and carbon dioxide
	Nitrogen oxides (NOx)

SECTION 11: Toxicological information

Acute toxicity:

LD/LC50 values relevant for classification:

64742-48-9 aliphatic hydrocarbons,	C10-C13
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Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	> 5 mg/l (rat) (OECD 403)

Primary irritant effect:

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 shows the following dangers according to the calculation method of the
	General EU Classification Guidelines for Preparations as issued in the latest version:
	Vapours have narcotic effect.
	Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like
	conditions and headache, dizziness, etc.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:		
64742-48-9 aliphatic hydrocarbo	ons, C10-C13	
EC50 / 48h > 1000 mg/l (daphnia) (OECD 202)	
EC50/ 72h > 1000 mg/l (algae) (DECD 201)	
LC50 / 96h > 1000 mg/l (fish) (O	ECD 203)	
12.2 Persistence and degradabilit	y The product is not easily, but potentially biodegradable.	
12.3 Bioaccumulative potential	No further relevant information available.	
12.4 Mobility in soil	No further relevant information available.	
Ecotoxical effects:		
Remark:	The product is high-volatile.	
		(Contd. on page 8)

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ade name: 8000 Osmo Bru	sh Cleaner and Thinner		
		(Contd. of page	
Additional ecological informatio			
General notes:	Water hazard class 1 (German Regulation) (Self-a	ssessment): slightly hazardous	
	water Do not allow product to reach ground water, water co	ourse or sewage system	
	Do not allow undiluted product or large quantities		
	course or sewage system.	of it to reach ground water, wa	
12.5 Results of PBT and vPvB a			
PBT:	Not applicable.		
vPvB:	Not applicable.		
12.6 Other adverse effects	No further relevant information available.		
SECTION 13: Disposal con	nsiderations		
13.1 Waste treatment methods			
Recommendation	Must not be disposed together with household garba	age. Do not allow product to rea	
	sewage system.		
European waste catalogue			
07 07 04 other organic solvents,	washing liquids and mother liquors		
15 01 10 packaging containing r	esidues of or contaminated by dangerous substances		
Uncleaned packaging: Recommendation:	Disposal must be made according to official regulation	ons.	
SECTION 14: Transport in	nformation		
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:			
14.5 Environmental hazards: Marine pollutant:	No		
Marine pollutant:	No r Not applicable.		
		(Contd. on pag	



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Trade name: 8000 Osmo Brush Cleaner and Thinner (Contd. of page 8) 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. Transport/Additional information: Not dangerous according to the above specifications. UN "Model Regulation": _ **SECTION 15: Regulatory information** 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations: GISBAU-Code GISCODE: M-VM01 15.2 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. H304 May be fatal if swallowed and enters airways. **Relevant phrases** 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 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer Abbreviations and acronyms: (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organization ADR: Accord européen sur le transport 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 GHS: Globally Harmonized 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) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent Asp. Tox. 1: Aspiration hazard, Hazard Category 1 * Data compared to the previous version altered.