


# SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING			
Trade name:	Cobb Cleaner		
Usage:	NA		
Date:	03-03-2011	SDS Version:	1.0
Contact:	Mette Borg	E-mail:	mb@iduna.dk
Company and address:	Cobb Scandinavia A/S Elmevej 8, DK, 7870 Roslev	Emergency telephone:	Use your national or local emergency number See section 4 "First aid measures"

2. HAZARD IDENTIFICATION	
Danger symbol:	
Hazards (health, safety & environmental):	<b>Irritant.</b>
Risk etc.:	Contact with acids liberates toxic gas. Irritating to eyes and skin.
Contains:	
S-phrases (safety):	If swallowed, seek medical advice immediately and show this container or label. Avoid contact with eyes.
Additional warnings:	
Additional labelling:	
Further:	
VOC	VOC <sub>max</sub> : -      VOC <sub>limit</sub> : -      Category: -

3. COMPOSITION/INFORMATION ON INGREDIENTS						
CAS-No	EC-No	Reg.No	Name	Classification*	Note**	w/w%
NA	Polymer	NA	Alkoholethoxylat C10-16 6EO	Xn;R22 Xi;R38 R41		1-5
61789-40-0	263-058-8	NA	Cocamidopropylbetain	Xi;R36		1-5
166736-08-9	Polymer	NA	Alcohol C10, ethoxylated, propoxylated;polymer 8EO	Xn;R22 R41		1-5
7320-34-5	230-785-7	NA	tetrapotassium pyrophosphate	Xi;R36		1-5
1310-58-3	215-181-3	NA	Kaliumhydroxyd	Xn;R22 C;R35		1-5
7681-52-9	231-668-3	NA	Natriumhypoklorit	R31 C;R34 N;R50		<1

(\*) See full text of R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.  
 (\*\*)Explanation:

4. FIRST AID MEASURES	
General information:	Contact a physician, if there is doubt about the injured persons condition, or the symptoms continuous. Do not ever give the unconscious person water or alike. In case of an accident: Contact a physician or the emergency room - bring the label or the safety data sheet.
After inhalation:	Lead the person into fresh air and keep the person under watch.
After skin contact:	Remove contaminated clothing and shoes. If there has been contact to some skin, wash is thoroughly with water and soap. Skin cleansing remedies can be used. DO NOT use organic solvents or a thinner.
After eye contact:	Remove contact lenses. Flush eyes with plenty of water (20-30 °C) until irritation stops, or continue for at least 15 minutes. Make sure to flush under the upper and lower eyelid. Contact a physician at once.
After swallowing:	Give the person plenty to drink and keep the person under watch. If fainting: Contact a physician immediately and bring along this security datasheet or the label from the product. Do not induce vomiting, unless recommended by the physician. Lower the persons head, so that vomit do not run back into the mouth or throat.
Burning:	Pour water until the pain stops and continue for 30 minutes.

<b>Information to medics:</b>	Bring this safety data sheet.
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### 5. Fire-fighting measures

A thick black fog will develop in case of fire. If delaying the decomposition products, a danger to ones health is at risk. Fire fighters should use proper protection gear. A closed container, which is exposed to fire, should be cooled with water. Do not allow the water from the fire extinction run into sewer systems and water streams.

<b>Suitable extinguishing measures:</b>	Recommendation: alcohol resistant foam, carbonic acid, powder, fog. Usage of a water beam is forbidden, since it can spread the fire.
<b>Fire degradation products:</b>	Halogenated compounds - incl. acids Carbon oxides. Some metal oxides.
<b>Special protective equipment for fire fighting:</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Avoid direct contact with spilled substances. See section 7 and 8 for protection arrangements.
<b>Environmental precautions:</b>	In order to prevent outlet to the surroundings, put up waste collecting trays/basins. Limit spill, and collect with granulate or alike, and get rid of it according to the regulations of dangerous waste. If possible, clean with cleaning supplies. Solvents should be avoided. See section 13 regarding handling of waste.
<b>Methods for cleaning up/taking up:</b>	Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

### 7. HANDLING AND STORAGE

<b>Handling:</b>	See section 8 regarding personal protection. Avoid direct contact with the product.
<b>Storage:</b>	Has to be kept in a dry, cool and ventilated space. Always store in the same container as the original material.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>General recommendations:</b>	Smoking, consumption of food and liquids as well as storage of tobacco, foods and liquids, is not allowed in the room.
<b>Exposure scenarios:</b>	If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.
<b>Exposure limits:</b>	Trade users should encompass the rules of the work environment legislation on maximum concentrations of exposure. See work hygienic threshold limiting values below.
<b>Exposure controls:</b>	Compliance of the stated exposure limits values should be checked on a regular basis.
<b>Engineering measures:</b>	Airborne gas and dust concentrations, must be kept lowest possible and under the existing threshold limiting values (se below). In case the air streams in the work room is not sufficient, use for example a exhaust. Make sure there is visible signs for eye cleanser and shower.
<b>Hygiene measures:</b>	When taking breaks, while using this product, and when work sub seeds, all exposed areas of the body has to be washed.

<b>Exposure limits values:</b>								
	Name	STEL (ppm)	STEL (mg/m3)	TWA (mg/m3)	TWA (ppm)	Note#	Year	Source

<b>PNEC / DNEL</b>	
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<b>#) Explanation(s):</b>	NA
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<b>Adequate personal protective equipment:</b>	
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<b>Generally:</b>	Use only CE classified protection gear.
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<b>Respiratory Equipment:</b>	No specific demands.
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<b>Skin protection:</b>	specific work clothing should be used. When working with this product for a longer period of time, use protection gear.
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<b>Hand protection:</b>	Recommended: Husholdningshandsker . Breakthrough time: NA
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<b>Eye protection:</b>	Use face shield. Use safety glasses with a side shield as an alternative.
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According to EC-Regulation 1907/2006 (REACH)

<b>Measures to avoid environmental exposure:</b>	Keep damming materials near the workplace. If possible collect spillage during work.
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9. PHYSICAL AND CHEMICAL PROPERTIES				
<b>Form:</b>	<b>Colour:</b>	<b>Odour:</b>	<b>pH:</b>	<b>Density, g/cm<sup>3</sup>:</b>
Liquid	Brown	Characteristic	10,8	1,05
<b>Viscosity :</b>				
-				
<b>Phase changes</b>				
<b>Melting point °C:</b>		<b>Boiling point °C:</b>		<b>Vapour pressure:</b>
-		-		-
<b>Data on fire and explosion hazards</b>				
<b>Flashpoint °C:</b>		<b>Ignition °C:</b>		<b>Self ignition °C:</b>
-		-		-
<b>Explosive properties v/v%</b>		<b>Oxidizing properties</b>		
-		-		
<b>Solubility</b>				
<b>Soluble in water</b>		<b>Solubility in fat</b>		<b>n-octanol/water coefficient</b>
Soluble		-		-

10. STABILITY AND REACTIVITY	
<b>Stability:</b>	The product is stable under the conditions, noted in section 7.
<b>Conditions and materials to avoid</b>	Strong acids, strong bases, strong oxidations remedies and strong reduction remedies.
<b>Hazardous decomposition products</b>	If the product gets exposed to high temperature, as in case of a fire, dangerous demolition products gets created. These are: Halogenated compounds - incl. acids Carbon oxides. Some metal oxides.

11. TOXICOLOGICAL INFORMATION					
<b>Acute toxicity:</b>	<b>Substance</b>	<b>Art</b>	<b>Test</b>	<b>Route</b>	<b>Result</b>
	Alcohol C10, ethoxylated, propoxylated;polymer 8EO	Rat	LD50	Oral	200-2000 mg/kg
	tetrapotassium pyrophosphate	Rat	LD50	Oral	>2000 mg/kg
	Kaliumhydroxyd	Rat	LD50	Oral	365 mg/kg
	Natriumhypoklorit	Rabbit	LD50	Dermal	>2000 mg/kg
<b>Long term causes:</b>	Irritable effects: This product contains substances which are irritable to skin and eyes, or when inhaled. A result of contact with a locally irritable substances, can be, that the area of contact, will be more pruned to take-in of damaging substances such as allergens.				

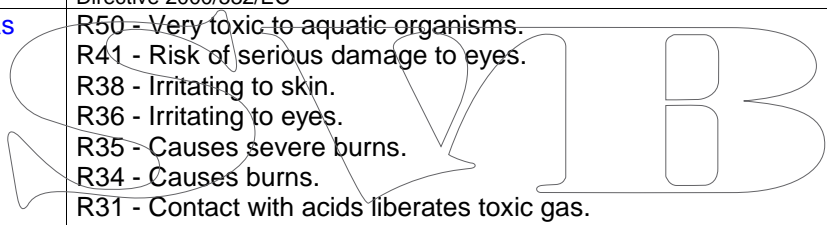
12. ECOLOGICAL INFORMATION					
<b>Persistence:</b>	<b>Substance</b>	<b>Biodegradable</b>	<b>Test</b>		<b>Result</b>
	Alkoholethoxylat C10-16 6EO	Yes	CO2 Evolution Test		>60
	Alcohol C10, ethoxylated, propoxylated;polyme 8EO	Yes	CO2 Evolution Test		>60%
<b>Bioaccumulations:</b>	<b>Substance</b>	<b>Potential bioaccumulation</b>	<b>Test</b>		
			<b>LogPow</b>		<b>BCF</b>
	No data available.				
<b>Ecotoxic effects:</b>	<b>Substance</b>	<b>Art</b>	<b>Test</b>	<b>Period</b>	<b>Result</b>
	No data available.				
<b>Negative effects:</b>	This product contains substances, which can give unwanted long term effects in a water environment, due to its poor decomposition.				
<b>Mobility in soil:</b>	No data available				
<b>Results of PBT and vPvE assessment:</b>	No data available				

According to EC-Regulation 1907/2006 (REACH)

13. DISPOSAL CONSIDERATIONS			
The product should be treated as dangerous waste.			
Waste:	EWC-code		
	200115		
Other labeling:			
Contaminated packing:	Get at once rid of wrappings, which contains leftovers from the product (the same way as the product).		

14. TRANSPORT INFORMATION							
Non dangerous goods, referring to ADR and IMDG.							
ADR/RID	UN-nr.	Proper Shipping Name	Class	PG*	Notes		
IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS	MP	Hazardous constituent
* Packing group							

15. REGULATORY INFORMATION	
Restrictions for application:	
Demands for specific education:	No specific demands.
Chemical safety assessment	No

16. OTHER INFORMATION	
Sources:	EC regulation 1907/2006 (REACH) Directive 2000/532/EC
Full text of R-phrases as mentioned in section 3:	 <p>R50 - Very toxic to aquatic organisms.            R41 - Risk of serious damage to eyes.            R38 - Irritating to skin.            R36 - Irritating to eyes.            R35 - Causes severe burns.            R34 - Causes burns.            R31 - Contact with acids liberates toxic gas.            R22 - Harmful if swallowed.</p>
<p>It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.</p> <p>The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.</p> <p>A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.</p> <p>This safety data sheet is based on available information/data at the time of the preparation.</p>	
Safety data sheet is validated by:	kb
Date of last essential change (First cipher in SDS version)	-
Date of last minor change (Last cipher in SDS version)	-

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