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	Replace :
WATER- AND OIL REPELLENT COATING FOR WOOD AND NATURAL STONE with algaecide and UV-blocker	CARE 1048

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

Trade name: CARE 1048

Use of the substance/preparation: colorless coating solvent based for wood and natural stone with water and oil repellent properties and UV-protection.

Company: Cormitec bvba
Lageweg 60
8930 Menen
Belgium

Emergency telephone number: +32.(0)9.253 00 87

2 Composition/information on ingredients

chemische omschrijving: preparaat onder de vorm van solvent gedragen emulsie met de volgende bestanddelen en ongevaarlijke toevoegingen

composition	CAS-N	EG-N	Symbol	R-phrases	Concentration
Alkanes (C9-C12 + iso)	090622-57-4	292-459-0	Xn	R10, R53, R65, R66	>95 %
Fluorpolymers	-	-			<5 %
2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	T, C, N	R22, R23/24, R34, R43, R50/53	<0,015 %
terbutryn	886-50-0	212-950-5	N	R50/53	<0,06 %
4,5-dichloro-2-octyl-2H-isothiazol-3-one	64359-81-5	264-843-8	C, N	R21/22, R37, R43, R50	<0,1 %
Cerium oxide isostearate	346608-13-7	-		R53	<0,5 %

Hazardous components:

Chemical description:

CAS N:

Hazardous impurities:

alkanes

stabilized clear transparent micro-emulsion.

see above

n.a.



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3 Hazards identification

Hazardous danger:	hazardous Xn
Risk phrases:	R10 – R52/53 – R65 – R66, see section 15
Health hazards:	Vapour concentrations may cause lung irritation
Physical and chemical hazards – Specific hazards:	the product is flammable.
Environmental:	no direct effect of the aquatic environment. Danger for soil pollution. See section 12

4 First aid measures

General:	If symptoms persist, seek immediate medical attention.
First aid: Inhalation:	Remove patient to fresh air. Keep patient at rest in semi-seating position. If patient doesn't breathe regularly or doesn't breathe at all apply artificial respiration. Immediately contact a doctor.
Skin contact:	Wash with soap and plenty of water. Consult a doctor in the event of a skin reaction. Change badly soiled or soaked clothing
Eye contact:	Remove contact lenses. Immediately wash with plenty of water during several minutes (at least 15 minutes) and seek medical advice.
If swallowed:	DO NOT induce the patient to vomit Keep the victim comfortable .Contact a physician and show this Safety Data Sheet.



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5 Fire fighting measures

Extinguishing agents:

*** Extinguishing media:**

CO₂, foam, dry powder; for larger fires, water spray should be used.

*** Inappropriate extinguishing media:**

Do not aim water directly at the flames to keep the fire from spreading.

Unusual fire and explosion hazards:

Hazardous combusting products:

carbon dioxide and probably carbon monoxide.

Further information:

use a water spray to cool down nearby packages and containers. Do not allow contaminated extinguishing water to enter the soil, ground water or surface waters. Dispose contaminated extinguishing water in accordance with applicable international, national and local laws, ordinances and statutes.

Protective equipment:

Wear a self-contained breathing apparatus in the immediate vicinity of the fire.

6 Accidental release measures

Personal precautions:

Remove all sources of ignition. Immediately clear out the polluted areas and ensure sufficient ventilation. Avoid respiratory contact and contact with eyes, skin and clothing. Wear appropriate personal safety equipment. See section 8 close off all leaks if possible. Dike residue as much as possible with inert materials.

Environmental precautions

Methods of cleaning up:



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On the ground:

close off all leaks if possible. Dike residue as much as possible with inert materials. Do not let it flow into sewers or public waters. Inform the authorities if the product should enter sewers or public water.

Methods of cleaning up

Clean up spills as soon as possible with an inert absorbent for petroleum products. Destroy the used product in accordance with national and local laws.

On water:

will float on water.

Disposal:

The used product must be destroyed in accordance with national and local laws by a legally acknowledged contractor of hazardous waste.

7 Handling and storage

Handling:

Avoid inhaling the product and contact with the eyes, skin and clothing. Wear suitable personal safety materials. See section 8.

Unusual fire and explosion hazards

Remove all sources of ignition. Take special precautions against static discharges.

Storage conditions:

Only store in the original packing in a cool, well-ventilated and fire-safe area. Do not store near sources of heat or in direct sunlight. Keep away from strongly oxidizing products..

Packing material:

Carbon steel, stainless steel, polyethylene, polypropylene, polyester, teflon.

Unsuitable packaging material:

EPDM, polystyrene, butyl rubber, natural rubber.

8 Exposure controls/personal protection



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Technical measures:	Normal ventilation, prevent static discharges or other ignition sources.
Hygienic precautions:	Do not eat, drink or smoke during the use of the product.
Exposure limit(s):	196 ppm or 1200 mg/m ³
Personal protection:	
Respiratory:	Ventilation, local suction, CE-gasmask for organic vapours / solvents (type A, brown).
Hands:	Wear nitrilrubber or PVC gloves
Eyes:	Wear eye/face protection.
Skin:	Wear suitable protective clothing.
Hygienic precautions:	Do not eat, drink or smoke during use of the product. Wash hands before breaks and at end of work. Keep working clothes separate. Change badly soiled or soaked clothing.

9 Physical and chemical properties

Appearance:	liquid
Color:	clear colorless
Odor:	hydrocarbon
pH:	n.a.
Freezing point (°C):	<-50° C
Stability:	stable until boiling point
Application temperature:	0° C - 35 °C
Melting point (°C):	route till 180 °C
Boiling point (°C):	n.a.
Specific gravity (Kg/dm³):	0,748 Kg/ dm ³ at 15 °C
Vapour pressure (kPa):	0,3 kPa



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Solubility in water	limited, <0,1 wt. %
Viscosity:	1,13 mm ² /s (25°C)
Flash point (°C):	>41 °C
Auto flammability (°C):	> 200 °C
Explosion limits %	
- lower (°C): (°C):	0,6 vol. %
- upper (°C):	7,0 vol. %

10 Stability and reactivity

Stability:	Stable under normal conditions
Hazardous reactions:	unknown
Conditions to avoid:	strong oxidizers
Hazardous decomposition:	Carbon monoxide, carbon dioxide (CO ₂).

11 Toxicological information

Acute toxicity:	
Oral toxicity:	Low toxicity. After swallowing a few drops of liquid may reach the lungs causing pneumonia.
Skin irritation:	Repeated or prolonged contact may cause dehydration or degreasing of the skin
Eye irritation:	Can cause eye irritation but will not damage the eye tissue.
Inhalation:	Irritation to the respiratory system; symptoms: headache and dizziness
Carcinogenic:	None of the products are listed as carcinogenic.

12 Ecological information

According to 1999/13/EG is this product classified as a Volatile Organic Substance.	
Persistence and degradability:	completely biodegradable according to OECD directives.
Mobility:	highly volatile.
Ecotoxicity effects	Low water polluting product.



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13 Disposal considerations

Disposal of residue/unused products:

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.
For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Contaminated packaging:

the used package is only meant for the packaging of the product. After usage thoroughly clean out the package en seal it. When it concerns a return package, the empty package can be returned to the supplier or must be destroyed in accordance with national and local laws by a legally acknowledged contractor of hazardous waste.

Waste code number:

The waste code number has to be determined in accordance with the European waste code list of 2000/532/EC in consultation with the waste processor/ manufacturer/ government.

14 Transport information

**Transport information
Road/ Railway (ADR/RID)**

Trade name:

CARE 1048

Proper Shipping Name:

UN 3295 (hydrocarbons, liquid, 3,III,



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ADR-classification:	3, III
Hazard Class	3
Hazard Division:	30
ID Number (UN-nbr):	3295
Sea (IMDG)	
Proper Shipping Name	3295 hydrocarbons, liquid, 3,III, (41°C)
Class:	3
Hazard Class & Division:	3
UN number:	3295
Packing Group:	III
EmS-N°:	F-E, S-D
Marine pollutant:	no

15 Regulatory information

Labelling is required for this material by the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), in accordance with EC' Directives

Trade name: CARE 1048

Symbols: Xn: harmful



R-phrases:

R10: flammable
 R52/53: harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65: Harmful: may cause lung damage if swallowed.
 R66: Repeated exposure may cause skin dryness or cracking...

S-phrases:

S23 Do not breathe gas/fumes/vapours/spray
 S24 Avoid contact with skin.
 S43 In case of fire use CO₂, foam, sand or chemical powder



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S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

S62: If swallowed do not induce vomiting; seek medical advice immediately and show this container or label.

Basis of the classification:

this classification is the result of tests and/or evaluations.

16 Other information

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Writer:

Didier Desschans

Revised parts:

changes with reference to previous versions are market with “#”.

Information sources:

Original SDS and specifications from manufacturers.

Further information

This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.