

# SAFETY DATA SHEET ACC. TO 1907/2006/EC, ARTICLE 31

Version: 1.0

Date of print: 07.10.2015

Date of preparation / last revision: 31.07.2014

Trade name: Compound

## 1. Identification

<b>Tradename:</b>	<b>Compound</b>
<b>Application of the substance / the mixture</b>	Carpet cleaning product
<b>Manufacturer /supplier:</b>	Carpet Cleaner Industries CCI GmbH Zwanzigerstraße 23 9020 Klagenfurt AUSTRIA Tel.: +43 463 515541 Fax: +43 463 515841
<b>E-mail competent person:</b>	export@cciaustria.com
<b>Information department:</b>	See manufacturer / supplier
<b>Emergency telephone number:</b>	Poison control center Austria: 0043-1-4064343 (0-24 h) Germany (emergency phone for poisoning, Berlin): 0049-30-19240

## 2. Hazard(s) identification

### 2.1 Classification of the substance or mixture

**Classification ac. To Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.

**Classification ac. To Directive 67/548/EEC or Directive 1999/45/EC** R52/53 Harmful to aquatic organisms, may cause long-term effects in the aquatic environment.

**Classification system** The classification was made according to the latest editions of the EC-lists and expanded using company data and specialized literature.

### 2.2 Label elements

<b>Labelling according to Regulation (EC) No 1272/2008</b>	Void
<b>Hazard pictograms</b>	Void
<b>Signal word</b>	Void
<b>Hazard statements</b>	Void
<b>Other notes</b>	Further labelling requirements of EC regulation 648/2004/EC annex VII have to be observed.
<b>Additional information</b>	Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. Safety data sheet available on request.

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## 2.3 Other hazards

### Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

## 3. Composition / information on ingredients

### Chemical characterization

Natural wood flour, moistened with water based cleaning solution

### Description

Mixture of the substances listed below with non-hazardous additions

### Dangerous components

26530-20-1 2-octyl-2H-isothiazol-3-one

Acute Tox.3, H311; Acute Tox.3, H331; < 1%  
Skin. Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; T R23/24; C34; Xn R22; Xi R43; N R50/53

### Regulation (EC) No 648/2004 on detergents/Labelling for contents:

Anionic and non-ionic surfactants, perfumes, preservation agents (BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, OCTYLISOTHIAZOLINONE) < 5%

### Additional information

For the wording of the listed risk phrases refer to section 16.

## 4. First-aid measures

### 4.1 Description of first aid measures

#### General information:

If symptoms persist or in case of doubt seek medical advice.

#### After inhalation:

Supply fresh air; consult doctor in case of complaints. In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap thoroughly. If symptoms persist, consult a doctor.

#### After skin contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

Do not induce vomiting. Drink plenty of water, but never give anything to an unconscious person. If symptoms persist consult a doctor. Allergic reactions.

### 4.2 Most important symptoms and effects, both acute and delayed

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#### 4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment (decontamination, vital functions).

## 5. Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents

High volume water jet

### 5.2 Special hazards arising from the substance or mixture:

In case of fire, the following can be released:

- Carbon monoxide and carbon dioxide
- Nitrogen oxides (NO<sub>x</sub>)
- Sulphur oxides (SO<sub>x</sub>)
- Hydrogen Chloride (HCl)
- Risk of formation of toxic pyrolyzates
- Fume

### 5.3 Advice for fire fighters

Protective equipment:

Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device. Wear fully protective suit.

Additional information:

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.  
Avoid contact with eyes and skin.  
Do not breathe aerosol or vapors.  
Ensure adequate ventilation  
Use respiratory protective device against the effects of fumes/dust/aerosol.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up:

Do not allow to penetrate the ground/soil.  
Sweep or vacuum up and dispose according to regulations.  
Send for recovery or disposal in suitable receptacles.

### 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.

## 7. Handling and storage

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## 7.1 Precautions for safe handling

Ensure good ventilation / exhaustion at the workplace.

Prevent formation of aerosols.

Do not breathe aerosol or vapours.

Avoid contact with eyes and skin.

**Information about protection against explosions and fires:**

Keep ignition sources away – Do not smoke.

Observe the general rules of industrial fire protection.

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage

**Requirements to be met by storerooms and receptacles:**

store receptacles tightly closed at a cool and dry place with sufficient ventilation.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from feed.

Protect from heat and direct sunlight.

**Recommended storage temperature:**

20°C

**Storage time:**

Under optimal storage conditions, in original unopened drums/containers. 12 month in closed receptacles.

**Storage class:**

10-13 other combustible and non-combustible substances

**7.3 Specific end use(s):**

Follow the directions!

## 8. Exposure controls/personal protection

**Additional information about design of technical systems:**

Install appropriate mechanical ventilation/exhaustion.

No further data, see section 7.

### 8.1 Control parameters

**Components 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 that were valid during the creation were used as basis.

### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

After skin contact, cleanse skin thoroughly.

Use skin protection cream for skin protection.

Wash hands before breaks and at the end of work.

Immediately remove soiled, soaked clothing and use again only after washing.

**Breathing equipment:**

In case of unintentional release of substance, exceeding the occupational exposure limit value:

Short term filter device (EN 149): Filter A/P2

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## Protection of hands:

Chemical resistant gloves (EN 374)

The gloves material has to be impermeable and resistant to the product / the substance / the preparation.

Due to missing tests no recommendation to the glove material can be given for the product / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

After use of gloves apply skin-cleaning agents and skin cosmetics.

## Material of gloves

Nitrile rubber, NBR

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 calculated in advance and has therefore to be checked prior to the application.

## 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.

## Eye protection:

Tightly sealed goggles.

## Body protection:

Protective work clothing

## 9. Physical and chemical properties:

### Information on basic physical and chemical properties

Form:	Solid, pulpy
Colour:	yellow
pH Value	Approx. 5 - 6.
Odor:	characteristic
Density:	Not determined
Flash point:	Not applicable..
Flammability	Not applicable
Danger of explosion	Product does not present an explosion hazard.
Solubility in / miscibility with water	Not applicable.
Solvent content	
VOC content	22,7 g/L

## 10. Stability and reactivity

### 10.1 Reactivity

No further relevant information available.

### 10.2 Chemical stability

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**Thermal decomposition/conditions to be avoided**

**10.3 Possibility of hazardous reactions**

**10.4 Conditions to avoid**

**10.5 Incompatible materials**

**10.6 Hazardous decomposition products**

No decomposition if used and stored according to specifications.

No dangerous reactions known.

No further relevant information available.

Strong oxidants, Reducing agents, Amines, Strong leaches

No hazardous decomposition products if instructions for storage and handling are followed.

## 11. Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity**

**LD/LC50 values that are relevant for classification**

**26530-20-1 2-octyl-2H-isothiazol-3-one**

ATE oral: > 5000 m/kg

Oral LD50 550mg/kg (rat)

Dermal LD 50 690 mg/kg (rabbit)

Inhalative LC50/4h 0,27 mg/l (rat)

**Primary irritant effect**

**On the skin**

**On the eye**

**Sensitization**

No irritating effect.

No irritating effect.

No sensitizing effects known.

**Other information (about experimental toxicology):**

**Carcinogenic, mutagenic effects and adverse effects on reproduction:**

**Subacute to chronic toxicity**

**STOT – single exposure**

**STOT – repeated exposure**

**Additional toxicological information**

Presently available data show no carcinogenic, mutagenic or teratogenic effects.

No classification

No classification

Presently no toxicological, chemical and physical data are available on which a more precise evaluation of further dangerous properties could be made. The properties of this substance have not been fully investigated. Further hazardous properties cannot be excluded. When used and handled according to specifications, the product does not have any harmful effects according to or experience and the information provided to us.

## 12. Ecological information

**12.1 Toxicity**

**Aquatic toxicity**

**26530-20-1 2-octyl-2H-isothiazol-3-one**

EC50

0,031 mg/l (Algae)

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EC50/48 h (static)	0,18 mg/l (Daphnia magna)
LC50/96 h (static)	0,196 mg/l (Lepomis macrochirus)
	0,047 mg/l (Oncorhynchus mykiss)

## 12.2 Persistence and degradability

No further information available.

## 12.3 Bioaccumulative potential

No further information available.

## 12.4 Mobility in soil

No further relevant information available.

## Additional ecological information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. According to appendix 4 of VwVwS dated 27.7.2005 (German regulation) Water hazard class 1(German regulation) (Self-assessment): slightly hazardous to water

## General notes

## 12.5 Results of PBT and vPvB assessment

Not applicable.

### PBT

Not applicable.

### vPvB

## 12.6 Other adverse effects

No further relevant information available.

## 13. Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal according to instructions of local authorities. Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.

#### European waste catalogue

20 00 00 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS  
20 03 00 other municipal wastes  
20 03 99 municipal wastes not otherwise specified

#### Uncleaned packagings:

#### Recommendation:

Disposal must be made according to official regulations.

#### Recommended cleansing agent

Water, if necessary with cleansing agents.

## 14. Transport information

### 14.1 UN-Number

Void

DOT, ADR, ADN, IMDG, IATA

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**14.2 UN proper shipping name**  
DOT, ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**  
DOT, ADR, ADN, IMDG, IATA  
Class

Void

**14.4 Packing group**  
DOT, ADR, ADN, 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 II**  
**of MARPOL73/78 and the IBC Code**

Not applicable

**Transport/Additional information**

Not dangerous according to the above regulations.

**UN "Model Regulation"**

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## 15. Regulatory Information

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

Water hazard class

Water hazard class 1(Self-assessment): slightly hazardous to water

**15.2 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.

**Wording of the listed risk phrases:**



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H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

R22	Harmful if swallowed
R23/24	Toxic by inhalation and in contact with skin
R34	Causes burns.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent