

# Animo Koffieaanslagoplosm.

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

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### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/preparation

Washing and cleaning products (including solvent based products)

### 1.3. Details of the supplier of the safety data sheet

#### Address:

Animo B.V.  
Postbus 71  
NL-9400 AB Assen  
Telephone no. +31 (0)592 376376  
Fax no. +31 (0)592 341751  
www.animo.eu

#### E-mail address of person responsible for this SDS:

pkroon@animo.nl

### 1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) 1 800 535 5053 or international +1 352 323 3500

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)  
Acute Tox. 4 H302  
Eye Dam. 1 H318

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H302 Harmful if swallowed.  
H318 Causes serious eye damage.

#### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.

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Dispose only when container is empty and closed. For disposal of product residues, refer to Safety Data Sheet.

## Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains sodium carbonate peroxyhydrate

### 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### Hazardous ingredients

#### sodium carbonate peroxyhydrate

CAS No. 15630-89-4  
EINECS no. 239-707-6  
Registration no. 01-2119457268-30-0004  
Concentration  $\geq 25 < 50$  %  
Classification O, R8  
Xn, R22  
Xi, R41

Classification (Regulation (EC) No. 1272/2008)

Ox. Sol. 3	H272
Acute Tox. 4	H302
Eye Dam. 1	H318

Concentration limits (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H302	$\geq 25$ %
Eye Dam. 1	H318	$\geq 25$ %
Eye Irrit. 2	H319	$\geq 10 < 25$ %

#### Potassium carbonate

CAS No. 584-08-7  
EINECS no. 209-529-3  
Registration no. 01-2119532646-36-0010  
Concentration  $\geq 1 < 10$  %  
Classification Xi, R36/37/38

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H335

#### sodium carbonate

CAS No. 497-19-8  
EINECS no. 207-838-8  
Registration no. 01-2119485498-19  
Concentration  $\geq 1 < 10$  %  
Classification Xi, R36

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

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Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

## After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

## After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

## After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

## After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

## Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

#### Non Suitable extinguishing media

Compatible with all usual extinguishing media.

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

In case of combustion evolution of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

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

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

### 6.4. Reference to other sections

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Refer to protective measures listed in sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

#### Advice on protection against fire and explosion

Keep away from combustible material.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Recommended storage temperature

Value < 30 °C

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Provide solvent-resistant and impermeable floor.

#### Hints on storage assembly

Do not store with combustible materials.

#### Storage class according to TRGS 510

Storage class according to TRGS 510 13 Non- combustible solids

#### Further information on storage conditions

Protect from heat and direct sunlight.

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Dust mask

#### Hand protection

Chemical resistant gloves  
Appropriate Material neoprene  
Appropriate Material PVC  
Appropriate Material nitrile

#### Eye protection

Safety glasses with side protection shield

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Form solid

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<b>Colour</b>	white
<b>Odour</b>	characteristic
<b>Odour threshold</b>	
Remarks	not determined
<b>pH value</b>	
Value	appr. 11
Concentration/H <sub>2</sub> O	1 %
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Remarks	not determined
<b>Flash point</b>	
Remarks	Not applicable
<b>Evaporation rate (ether = 1) :</b>	
Remarks	not determined
<b>Flammability (solid, gas)</b>	
evaluation	not determined
<b>Upper/lower flammability or explosive limits</b>	
Remarks	not determined
<b>Vapour pressure</b>	
Remarks	not determined
<b>Vapour density</b>	
Remarks	not determined
<b>Density</b>	
Remarks	not determined
<b>Solubility in water</b>	
Remarks	not determined
<b>Solubility(ies)</b>	
Remarks	not determined
<b>Partition coefficient: n-octanol/water</b>	
Remarks	not determined
<b>Ignition temperature</b>	
Remarks	not determined
<b>Decomposition temperature</b>	
Remarks	not determined
<b>Viscosity</b>	
Remarks	not determined
<b>Explosive properties</b>	
evaluation	not determined
<b>Oxidising properties</b>	
evaluation	oxidizing

## 9.2. Other information

Other information

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None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2. Chemical stability

No hazardous reactions known.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Keep at temperature not exceeding 30 °C.

#### Decomposition temperature

Remarks not determined

### 10.5. Incompatible materials

Acids, Reducing agents

### 10.6. Hazardous decomposition products

Irritant gases/vapours

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

Species	rat			
LD50	300	to	2000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)			

#### Acute oral toxicity (Components)

##### sodium carbonate peroxyhydrate

Species	rat		
LD50	1034		mg/kg
Method	Value taken from the literature		

#### Acute dermal toxicity

Remarks not determined

#### Acute dermal toxicity (Components)

##### sodium carbonate peroxyhydrate

Species	rabbit		
LD50	> 2000		mg/kg
Method	OECD 402		

#### Acute inhalational toxicity

Remarks not determined

#### Skin corrosion/irritation

Remarks not determined

#### Serious eye damage/irritation

evaluation irritant - risk of serious damage to eyes

#### Sensitization

Remarks not determined

#### Sensitization (Components)

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## sodium carbonate peroxyhydrate

Route of exposure dermal  
Species guinea pig  
evaluation non-sensitizing  
Method OECD 406

## Subacute, subchronic, chronic toxicity

Remarks not determined

## Mutagenicity

Remarks not determined

## Reproductive toxicity

Remarks not determined

## Carcinogenicity

Remarks not determined

## Specific Target Organ Toxicity (STOT)

Remarks not determined

## Aspiration hazard

No special hazards have to be mentioned.

## Experience in practice

Inhalation of dusts may irritate the respiratory tract.

## Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

not determined

#### Fish toxicity (Components)

##### sodium carbonate peroxyhydrate

Species Fathead minnow (*Pimephales promelas*)  
LC50 70,7 mg/l  
Duration of exposure 96 h

#### Daphnia toxicity (Components)

##### sodium carbonate peroxyhydrate

Species *Daphnia pulex*  
EC50 4,9 mg/l  
Duration of exposure 48 h

##### sodium carbonate peroxyhydrate

Species *Daphnia pulex*  
NOEC 2 mg/l  
Duration of exposure 48 h

#### Bacteria toxicity (Components)

##### sodium carbonate peroxyhydrate

Species activated sludge  
EC50 466 mg/l  
Duration of exposure 30 min

### 12.2. Persistence and degradability

#### General information

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not determined

## 12.3. Bioaccumulative potential

### General information

not determined

### Partition coefficient: n-octanol/water

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### General information

not determined

## 12.6. Other adverse effects

### General information

not determined

### General information / ecology

Do not allow to enter soil, waterways or waste water canal.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

### Land transport ADR/RID

Non-dangerous goods

### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

### Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

### Information for all modes of transport

#### 14.6. Special precautions for user

See Sections 6 to 8

### Other information

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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



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## Ingredients (Regulation (EC) No 648/2004)

### 30 % and more:

phosphates, oxygen-based bleaching agents

## Water Hazard Class (Germany)

Water Hazard Class WGK 1

(Germany)

Remarks Classification according to Annex 4 VwVwS

## VOC

VOC (EU) 0 %

## Other information

The product does not contain substances of very high concern (SVHC).

## 15.2. Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### R-phrases listed in Chapter 3

22	Harmful if swallowed.
36	Irritating to eyes.
36/37/38	Irritating to eyes, respiratory system and skin.
41	Risk of serious damage to eyes.
8	Contact with combustible material may cause fire.

### Hazard statements listed in Chapter 3

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Ox. Sol. 3	Oxidising solid, Category 3
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.