

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.06.2016

Version number 2

Revision: 06.06.2016

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

- 1.1 Product identifier
 - Trade name: **Anco@FIT**
 - Article number: -
- 1.2 Relevant identified uses of the substance or mixture and uses advised against -
- Application of the substance / the preparation: Feed additive
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
 - Anco Animal Nutrition Competence GmbH
 - Linzer Strasse 55
 - 3100 Sankt Poelten
 - Austria
 - +43 2742 90502
- Informing department:
 - cts.rcl@railcargo.com
 - +43 (0) 2732 79500 0
- 1.4 Emergency telephone number: During worktime.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation.
- Hazard pictograms GHS07
- Signal word Warning
- Hazard-determining components of labelling:
 - cinnamaldehyde
- Hazard statements
 - H317 May cause an allergic skin reaction.
- Precautionary statements
 - P280 Wear protective gloves/protective clothing/eye protection/face protection.
 - P321 Specific treatment (see on this label).
 - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 - P302+P352 IF ON SKIN: Wash with plenty of water.
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
- Description: -

Dangerous components:

CAS: 104-55-2	cinnamaldehyde	1-<2.5%
EINECS: 203-213-9	⚠ Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317	
CAS: 7631-86-9	Silicon dioxide, chemically prepared	0.1-<2.5%
EINECS: 231-545-4	substance with a Community workplace exposure limit	

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. **Additional information:** Refer to chapter 16 for description of the listed risk phrases.

SECTION 4: First aid measures

. 4.1 Description of first aid measures

. **General information:** Immediately remove any clothing soiled by the product.

. **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

. **After skin contact:**

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. If symptoms persist, consult a doctor.

. **After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

. **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

. **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:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

. **Unsuitable extinguishing agents (for safety reasons):** 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:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

. 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid contact with the eyes and skin.

Do not inhale dust / smoke / mist.

. **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

. 6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Ensure adequate ventilation.

Dispose of the material collected according to regulations.

. 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.

SECTION 7: Handling and storage

. 7.1 Precautions for safe handling

Wear protective clothing.

Avoid contact with the eyes and skin.

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Ensure good ventilation/exhaustion at the workplace.

Thorough dedusting.

Prevent formation of dust.

Information on protection against explosions and fires: Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and containers: No special requirements.

Information on storage in one common storage facility: Not required.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Storage class: 13

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

104-55-2 cinnamaldehyde

MAK (Germany) als Dampf und Aerosol;vgl.Abschn.IV

7631-86-9 Silicon dioxide, chemically prepared

AGW (Germany) Long-term value: 4 E mg/m³
DFG, 2, Y

Additional information: The lists valid during the making 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.

Ensure good ventilation/exhaustion at the workplace.

Immediately remove all soiled and contaminated clothing

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

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Breathing equipment:

Dust mask.

EN 149

Protection of hands: Protective gloves

Material of gloves:

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.

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

EN 166

Body protection: Protective work clothing

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SECTION 9: Physical and chemical properties

. 9.1 Information on basic physical and chemical properties	
. General Information:	
. Appearance:	
Form:	Powder
Colour:	Beige Grey
. Odour:	Characteristic
. Odour threshold:	Not determined.
. pH-value:	6.5 - 7.4 (10%)
. Change in condition:	
Melting point/Melting range:	Not determined.
. Flash point:	Not applicable.
. Inflammability (solid, gaseous):	Not determined.
. Ignition temperature:	
Decomposition temperature:	Not determined.
. Self-inflammability:	Product is not selfigniting.
. Danger of explosion:	Product is not explosive, except of fine dust.
. Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
. Vapourpressure:	Not applicable.
. Density:	Not determined
. Settled apparent density:	850 - 900 g/l
. Relative density:	Not determined.
. Vapour density:	Not applicable.
. Evaporation rate:	Not applicable.
. Solubility In / Miscibility with:	
Water:	Insoluble.
. Partition coefficient (n-octanol/water):	Not determined.
. Viscosity:	
dynamic:	Not determined.
kinematic:	Not applicable.
. Solvent content:	
Organic solvents:	0.0 %
Solids content:	100.0 %
. 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- . 10.1 Reactivity** No further relevant information available.
- . 10.2 Chemical stability**
- . Conditions to be avoided:** No decomposition if used according to specifications.
- . 10.3 Possibility of hazardous reactions** No dangerous reactions known.
- . 10.4 Conditions to avoid** No further relevant information available.

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- . 10.5 Incompatible materials: No further relevant information available.
- . 10.6 Hazardous decomposition products: None

SECTION 11: Toxicological information

- . 11.1 Information on toxicological effects
- . Acute toxicity Based on available data, the classification criteria are not met.

. LD/LC50 values that are relevant for classification:

104-55-2 cinnamaldehyde

Oral LD50 2500 mg/kg (rat)

Dermal LD50 1100 mg/kg (rat)

7631-86-9 Silicon dioxide, chemically prepared

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

Inhalative LC0 0.139 mg/l/4h (rat)

. Primary irritant effect:

. Skin: Slightly irritant.

. Eye: May cause eye irritation.

. Respiratory or skin sensitisation

May cause an allergic skin reaction.

. CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

. Germ cell mutagenicity Based on available data, the classification criteria are not met.

. Carcinogenicity Based on available data, the classification criteria are not met.

. Reproductive toxicity Based on available data, the classification criteria are not met.

. STOT-single exposure Based on available data, the classification criteria are not met.

. STOT-repeated exposure Based on available data, the classification criteria are not met.

. Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

. 12.1 Toxicity

. Aquatic toxicity:

7631-86-9 Silicon dioxide, chemically prepared

LC50 > 10000 mg/l/96h (Brachydanio rerio)

EC50 > 5000 mg/l/24h (Daphnia magna (water flea))

EC50 440 mg/l/72h (algae)

. 12.2 Persistence and degradability No further relevant information available.

. 12.3 Bioaccumulative potential No further relevant information available.

. 12.4 Mobility in soil No further relevant information available.

. Additional ecological information:

. General notes:

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

Do not allow product to reach ground water, water bodies or sewage system.

. 12.5 Results of PBT and vPvB assessment

. PBT: Not applicable.

. vPvB: Not applicable.

. 12.6 Other adverse effects No further relevant information available.

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SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **Recommendation:**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- . **Uncleaned packagings:**
- . **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

SECTION 14: Transport information

. 14.1 UN-Number	Void
. ADR, ADN, IMDG, IATA	Void
. 14.2 UN proper shipping name	Void
. ADR, ADN, IMDG, IATA	Void
. 14.3 Transport hazard class(es)	Void
. ADR, ADN, IMDG, IATA	Void
. Class	Void
. 14.4 Packing group	Void
. ADR, IMDG, IATA	Void
. 14.6 Special precautions for user	Not applicable.
. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
. UN "Model Regulation":	Void

SECTION 15: Regulatory information

- . **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . **Directive 2012/18/EU**
- . **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- . **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.

- . **Relevant phrases**
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
- . **Training hints:**
Before handling, storing or using the present substance for the first time, employees must be informed about its properties and about measures to ensure safety and environment protection.
- . **User:** UHE
- . **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)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association

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GHS: Globally Harmonised 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
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Skin Sens. 1A: Sensitisation - Skin, Hazard Category 1A

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* **Data compared to the previous version altered.**

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