Safety Data Sheet in Accordance with regulation 2015/830

Date of issue: 07.07.2017 Replaces Data Sheet of: 06.10.2016
"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

1.1 **Product identifier**

Trade Name: **Frilus Air Pure, solid**
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.

1.2 **Relevant identified uses of the substance or mixture and uses advised against**
Identified uses: air freshener

1.3 **Details of the supplier of the safety data sheet**

1.3.1 **Address of the Company / Supplier:**
Kuhn GmbH, Industriestr. 3, D- 96114 Hirschaid
Telephone: +49 (0)9543 443 703-0, Telefax: +49 (0) 9543 443 703-9, E-Mail: info@kuhngmbh-online.de

1.3.2 **Responsible for the data sheet:**
CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de

1.4 **Emergency telephone number**
Emergency - Telephone of Company / Undertaking
Telephone: +49 (0)9543 443 703-0 (08:30 – 16:30)
Information Centre Specialising in Symptoms of Poisoning
Telephone: +44 870 600 6266

SECTION 2: Hazards identification

2.1 **Classification of the substance or mixture**
Classification and labelling according to Directive 1272/2008/EC:
n.ap.

2.2 **Label elements**
Classification according to 1272/2008/EC: No.
Applicable Exemptions:
Signal word(s): Hazard pictogram(s):
Component(s):

H - Phrases:

P - Phrases:
P102: Keep out of reach of children.
P314: Get medical advice/attention if you feel unwell.

Additional Markings:
Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

The above mentioned labelling is valid for distribution to private consumer.

2.3 **Other hazards**
This mixture contains no substances which are assessed to be PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 **Substances**
n.ap.

3.2 **Mixtures**
Chemical Characterisation:
solid
Dangerous Ingredients:

Material CAS - No. Hazard Code(s) / H - phrases	Index - No.	EC - No.	REACH - No.	**m% - range**
Ethanol 64-17-5 Flam. Liq. 2; H225	603-002-00-5	200-578-6	01-2119457610-43-xxxx	**10 - 20%**
Natriumstearat 822-16-2 Skin Irrit. 2; H315 / Eye Irrit. 2; H319 / Aquatic Chronic 3; H412	n.av.	212-490-5	n.av.	**1 - 5%**

Text of H - phrases: see section 16
m% - range: x – y ≙ x ≥ – < y

SECTION 4: First aid measures

4.1 **Description of first aid measures**

4.1.1 **Inhalation:**
Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a physician.

4.1.2 **Skin Contact:**
Wash off immediately with plenty of water. Consult a physician.

4.1.3 **Eye Contact:**
Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

4.1.4 **Ingestion:**
Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician.

4.2 **Most important symptoms and effects, both acute and delayed**
May cause headache and dizziness.

4.3 **Indication of any immediate medical attention and special treatment needed**
Treat symptomatically. Later control for pneumonia and lung oedema.

SECTION 5: Firefighting measures

5.1 **Extinguishing media**

5.1.1 **Suitable Extinguishing Media:**
Use dry chemical, CO2, water spray or "alcohol" foam..

5.1.2 **Extinguishing Media to Avoid:**
high volume water jet

5.2 **Special hazards arising from the substance or mixture**
In the event of fire the following can be released: Carbon oxides

5.3 **Advice for firefighters**

5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 **Additional Information:**
None.

SECTION 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Contaminated surfaces will be extremely slippery. Ensure adequate ventilation, especially in confined areas.

6.2 **Environmental precautions**
Do not allow larger quantities to enter drainage. Inform responsible authorities in the case of accidental release of larger quantities.

6.3 **Methods and material for containment and cleaning up**
Soak up with absorbent material. Prevent risk of slipping by covering with mineral dispersion material.

6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

7.1 **Precautions for safe handling**

7.1.1 **Precautions for Safe Handling:**
Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Do not breathe vapours or spray mist.

7.1.2 **Precautions in Case of Fire and Explosion:**
Heating can release vapours which can be ignited.

7.2 **Conditions for safe storage, including any incompatibilities**

7.2.1 **Storage Instructions:**
Jointless smooth floor

7.2.2 **Store away from:**
Incompatible with oxidizing agents.

7.2.3 **Further Information on Storage Conditions:**
Provide sufficient air exchange and/or exhaust in work rooms.

7.3 **Specific end use(s)**
n.av.

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SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

Material	Limit Value
Ethanol	AGW: 500 ppm | 960 mg/m³
Natriumstearat	TLV dust: 10 mg/m³ (respirable fraction); 3 mg/m³ (alveole passing fraction)

8.2 **Exposure controls**

8.2.1 **Appropriate engineering controls**
Ensure adequate ventilation. Keep tightly closed. Close container straight after use or if empty.

8.2.2 **Individual protection measures**

8.2.2a **Respiratory Protection:** Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, Filter A

8.2.2b **Hand Protection:** solvent-resistant gloves (Viton, PVC; Permeationszeit > 6h)
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c **Eye Protection:** safety glasses

8.2.2d **Skin Protection:** n.ap.

8.2.2e **Further Information:** Observe wearing time limits:

8.2.3 **Environmental exposure controls:**
n.av.

SECTION 9: Physical and chemical properties

9.1 **Information on basic physical and chemical properties**

9.1.1 **Form:** Solid form **Colour:** various **Odour:** characteristic

Odour threshold: n.av.

9.1.2	pH-value, undiluted:	n.ap.	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): n.av.	
9.1.4	Flash point (°C):	> 40, closed cup	
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	None.	
9.1.8	Oxidising properties:	None.	
9.1.9	Explosion hazard:	No.	
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.av.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	n.av.	
9.1.13	Solubility (in Water):	insoluble	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.av.	
9.1.16	Solvent content (m %):	n.av.	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	

9.2 **Other information**
n.av.

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SECTION 10: Stability and reactivity

10.1 **Reactivity**
None.

10.2 **Chemical stability**
Stable under normal conditions.

10.3 **Possibility of hazardous reactions**
No dangerous reaction known under conditions of normal use.

10.4 **Conditions to avoid**
No conditions to be specially mentioned.

10.5 **Incompatible materials**
Reactions with strong oxidising agents.

10.6 **Hazardous decomposition products**
No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 **Information on toxicological effects**
Acute Health Effects:

Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Skin corrosion / irritation:	May cause skin irritation in susceptible persons.
Serious eye damage / irritation:	May cause eye irritation with susceptible persons.
Respiratory or skin sensitisation:	n.av.
Germ cell mutagenicity:	n.av.
Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	n.av.
STOT-repeated exposure:	n.av.
Aspiration hazard:	n.av.

11.1.1 – 11.1.11 **Practical Experience**
n.av.

11.1.12 Practical Experience
Observations relevant for classification:
None.
Further Observations:
n.av.
Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

12.1 **Toxicity**
n.av.

12.2 **Persistence and degradability**
The product is not readily biodegradable to OECD criteria but is inherently biodegradable.

12.3 **Bioaccumulative potential**
n.av.

12.4 **Mobility in soil**
The product is slightly soluble in water. It can be eliminated from water by abiotic processes.

12.5 **Results of PBT and vPvB assessment**
This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 **Other adverse effects**

12.6.1	COD-Value, mg/g:	n.av.
12.6.2	BOD5-Value, mg/g:	n.av.
12.6.3	AOX-Remarks:	n.ap.
12.6.4	Significant Components:	None.
12.6.5	Other adverse effects:	None.

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SECTION 13: Disposal considerations

13.1 **Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.: 08 01 11
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 **Contaminated Packaging**

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Offer rinsed packaging material to local recycling facilities.

13.2.2 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

SECTION 14: Transport information

	ADR	IMDG	IATA
	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of transport regulations.
14.1	**UN number**		
14.2	**UN proper shipping name**		
14.3	**Transport hazard class(es)**		
14.4	**Packing group**		
14.5	**Environmental hazards**		
14.6	**Special precautions for user**		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**		

SECTION 15: Regulatory information

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

15.2 **Chemical safety assessment :**
n.ap.

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SECTION 16: Other information

Text of H phases mentioned in Section 3
H225: Highly flammable liquid and vapour.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 2015/830.
The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.
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