

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



421089 GASODOR® S-FREE

Version 12

Revision Date 19.02.2015

Print Date 12.03.2015

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Commercial Product Name : GASODOR® S-FREE

Material number : 421089

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

Use of the Substance/Mixture : Fragrance mix

1.3 Details of the supplier of the safety data sheet

Company : Holzminden
Muehlenfeldstrasse 1
D-37603 Holzminden

Telephone : +495531900

Telefax : +495531901649

E-mail address : sds@symrise.com

For further information, please contact:
Symrise AG - Tel.: +49 / (0)5531 / 90-0

1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number)
GBK/Infotrac ID 101844: +49(6132)9829021

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225
Acute toxicity, Category 4, Oral	H302
Acute toxicity, Category 4, Inhalation	H332
Acute toxicity, Category 4, Dermal	H312
Skin irritation, Category 2	H315
Eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Specific target organ toxicity - single exposure, Category 3	H335

Classification (67/548/EEC, 1999/45/EC)

F; R11
Xn; R20/21/22
Xi; R43
Xi; R36/37/38

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word :

Danger

Hazard statements :

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Precautionary statements :

Prevention:
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Labelling (67/548/EEC, 1999/45/EC)

Symbol(s) :

F Highly flammable
Xn Harmful

R-phrases :

R11 Highly flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.

S-phrases :

S 9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33 Take precautionary measures against static discharges.
S36/37 Wear suitable protective clothing and gloves.
S43 In case of fire, use sand, dry chemical or alcohol-resistant foam.

Contains :

ETHYL ACRYLATE, 2-Propenoic acid methylester.

2.3 Other hazards

No data available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical characterization : Preparation

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Ethyl acrylate	140-88-5 205-438-8	F; Xn R11 R20/21/22 R36/37/38 R43	Acute Tox.: 4 (Oral); H302 Acute Tox.: 4 (Dermal); H312 Acute Tox.: 4 (Inhalation); H332 Flam. Liq.: 2; H225 Skin Sens.: 1; H317 Skin Irrit.: 2; H315 STOT SE: 3; H335 Eye Irrit.: 2; H319	>= 50 - <= 100
Methyl acrylate	96-33-3 202-500-6 01-2119459302-44	F; Xn R11 R20/21/22 R36/37/38 R43	Acute Tox.: 4 (Oral); H302 Acute Tox.: 4 (Dermal); H312 Acute Tox.: 4 (Inhalation); H332 Flam. Liq.: 2; H225 Eye Irrit.: 2; H319 STOT SE: 3; H335 Skin Irrit.: 2; H315 Skin Sens.: 1; H317	>= 25 - < 50
2-Ethyl-3-methylpyrazine	15707-23-0 239-799-8	Xn R10 R22	Acute Tox.: 4 (Oral); H302 Flam. Liq.: 3; H226	>= 1 - < 5

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the R-phrases mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Never give anything by mouth to an unconscious person.
- Inhalation : Consult a physician.
Move to fresh air.
- Skin contact : Take off all contaminated clothing immediately.
If symptoms persist, call a physician.
Wash off immediately with soap and plenty of water.
- Eye contact : Protect unharmed eye.
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

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Ingestion : Clean mouth with water and drink afterwards plenty of water.
Prevent vomiting if possible.
If a person vomits when lying on his back, place him in the recovery position.
Never give anything by mouth to an unconscious person.
If accidentally swallowed obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which shall not be used for safety reasons : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Flash back possible over considerable distance.
Do not use a solid water stream as it may scatter and spread fire.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Remove all sources of ignition.
Wear respiratory protection.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
No special environmental precautions required.
Prevent further leakage or spillage if safe to do so.

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6.3 Methods and materials for containment and cleaning up

- Methods for cleaning up : Dam up.
Wipe up with absorbent material (e.g. cloth, fleece).
- Additional advice : Local authorities should be advised if significant spillages cannot be contained.
Suppress (knock down) gases/vapours/mists with a water spray jet.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Wear personal protective equipment.
In case of insufficient ventilation, wear suitable respiratory equipment.
Do not smoke.
Take precautionary measures against static discharges.
Avoid contact with skin and eyes.
Avoid exceeding the given occupational exposure limits (see section 8).
For personal protection see section 8.
- Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).
Use explosion-proof equipment.
Avoid formation of aerosol.
Do not spray on a naked flame or any incandescent material.
When using do not smoke.
Do not empty into drains.
Keep away from open flames, hot surfaces and sources of ignition.
- Temperature class : T2

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container.
Store in cool place.
Keep container tightly closed.
To maintain product quality, do not store in heat or direct sunlight.
No smoking.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Storage must be in accordance with the BetrSichV (Germany).
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Fragrance mix

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters, Germany:

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	AGW 5 ppm	07 2009	TRGS 900
Methyl acrylate	96-33-3	AGW 5 ppm	01 2006	TRGS 900

Components with workplace control parameters, United Kingdom:

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	STEL 15 ppm TWA 5 ppm	2005 2005	EH40 WEL EH40 WEL

Components with workplace control parameters, France:

Components	CAS-No.	Control parameters	Update	Basis
Ethyl acrylate	140-88-5	VME 5 ppm	06 2006	INRS (FR)
Methyl acrylate	96-33-3	VLE 15 ppm VME 10 ppm	06 2006 06 2006	INRS (FR) INRS (FR)

8.2 Exposure controls

Engineering measures

none

Personal protective equipment

- Respiratory protection : In the case of vapour formation use a respirator with filter model A2P2.
In the case of vapour formation use a respirator with filter model ABEK.
- Hand protection : Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.
Wear chemicals-resistant gloves, e.g. safety gloves of chloroprene Level 2 or of butyl rubber Level 6.
- Eye protection : Safety glasses
- Skin and body protection : Lightweight protective clothing
Remove and wash contaminated clothing before re-use.
- Hygiene measures : Avoid contact with skin, eyes and clothing.
Wash hands before breaks and immediately after handling the product.
- Protective measures : Avoid contact with skin.
When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form	:	clear liquid
Colour	:	colorless to reddish-brownish
Odour	:	characteristic
Odour Threshold	:	No data available

Safety data

Flash point	:	5 °C
Water solubility	:	immiscible
Relative density	:	0,9300 - 0,9400 at 20 °C relation to density of water at 4°C
Bulk density	:	
Relative vapour density	:	not determined
Vapour pressure	:	83 mbar at 25 °C
Melting point/freezing point	:	not determined
Boiling point	:	80 °C at 1.013,0 mbar
Partition coefficient: n-octanol/water	:	log Pow: Not applicable
pH	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Ignition temperature	:	395 °C
Auto-ignition temperature	:	The substance or mixture is not classified as self heating.
Decomposition temperature	:	No data available
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Explosive properties	:	Due to its structural properties, the product is not classified as explosive
Lower explosion limit	:	1,6 %(V) at 120 °C
Upper explosion limit	:	23 %(V) at 120 °C

A final assessment of potential explosion hazards can only be made on a case-by-case basis when precise information is available on product handling, production setup and the circumstances surrounding the use of the product.

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9.2 Other data

None.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity** : No data available
- 10.2 Chemical stability** : No data available
- 10.3 Possibility of hazardous reactions** : Vapours may form explosive mixture with air.
- 10.4 Conditions to avoid** : No data available
- 10.5 Incompatible materials to avoid** : No data available
- 10.6 Hazardous decomposition products** : No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute oral toxicity : Acute toxicity estimate : 577,56 mg/kg, Calculation method
- Acute inhalation toxicity : Acute toxicity estimate : 11,28 mg/l , Calculation method
- Acute dermal toxicity : Acute toxicity estimate : 1.180,66 mg/kg, Calculation method
- Repeated dose toxicity : No data available
- Acute toxicity (other routes of administration) : No data available
- Skin irritation : No data available
- Eye irritation : No data available
- Sensitisation : No data available
- Mutagenicity : No data available
- Carcinogenicity : No data available
- Reproductive toxicity : No data available
- Teratogenicity : No data available
- Specific target organ toxicity - single exposure : No data available
- Specific target organ toxicity - repeated exposure : No data available
- Aspiration toxicity : No data available

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR : 1266
RID : 1266
IMDG : 1266
IATA-DGR : 1266

14.2 Proper shipping name

ADR : PERFUMERY PRODUCTS
RID : PERFUMERY PRODUCTS
IMDG : PERFUMERY PRODUCTS
IATA-DGR : Perfumery products

14.3 Transport hazard class

ADR : 3
RID : 3
IMDG : 3
IATA-DGR : 3

14.4 Packing group

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ADR:
Packaging group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Tunnel restriction code : (D/E)

RID:
Packaging group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3

IMDG:
Packaging group : II
Labels : 3
EmS - EmS : F-E , S-D

IATA-DGR:
Packing instruction (cargo aircraft) : 364
Qty/Pkg (Cargo) : 60,00 L
Packing instruction (passenger aircraft) : 353
Qty/Pkg (Passenger) : 5,00 L
Packaging group : II
Labels : 3

14.5 Environmental hazards

ADR:
Environmentally hazardous : no

RID:
Environmentally hazardous : no

IMDG:
Marine pollutant : no

IATA-DGR:
Environmentally hazardous : no

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

National legislation

Risk classification according to BetrSichV (Germany) : Flash point less than 21 °C, at 15 °C not miscible in water

Water contaminating class (Germany) : WGK 2 (water endangering)
Calculation acc. Annex 4 to VwVwS

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TA Luft List (Germany) : Type: Organic Substances
portion Class 1: 97,48 %

15.2 Chemical Safety Assessment

No data available

SECTION 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3:

R10	Flammable.
R11	Highly flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.

Full text of H-Statements referred to under sections 2 and 3.:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Further information

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 a 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.

Any data changes with reference to previous versions are marked by a vertical line in front of the concerned paragraph.