



# SAFETY DATA SHEET

## AROMAX

Issued on 06/12/2025 - Rel. # 9 on 06/12/2025

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In conformity to Regulation (EU) 2020/878

### SECTION 1. Identification of the substance/mixture and of the company/enterprise

#### 1.1. Product identifier

Product name : AROMAX  
Product code: refer to sales department

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

Specific Treatment  
Sectors of use:  
Manufacture of food products[SU4]  
Product category:  
Additive for enological use

Not recommended uses  
Do not use for purposes other than those listed

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

AEB SpA - Via Vittorio Arici 104 S.Polo - 25134 Brescia (BS) Italy  
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Produced by  
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**1.4. Emergency telephone number**

AEB SpA

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AEB AFRICA (PTY) LTD

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AEB OCEANIA PTY LTD

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**SECTION 2. Hazards identification****2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS05, GHS07

Hazard Class and Category Code(s):

Skin Irrit. 2, Eye Dam. 1

Hazard statement Code(s):

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.  
If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

2.1.2 Additional information:

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

**2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS05 - Danger

Hazard statement Code(s):

H315 - Causes skin irritation.

H318 - Causes serious eye damage.



## Supplemental Hazard statement Code(s):

EUH031 - Contact with acids liberates toxic gas (SO<sub>2</sub>)

## Precautionary statements:

## Prevention

P280 - Wear protective gloves and eye/face protection.

## Response

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 a doctor.

## Contains:

Potassium metabisulfite

Ingredients: L-Ascorbic acid 50%, potassium metabisulfite(a) 50% (20 g/hL bring 57,6 mg/L SO<sub>2</sub>).

Food use, oenological use. Not intended for the final consumer. In accordance with current regulations on the specific matter. Only for industrial use.

(a)=sulfites

(<Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO<sub>2</sub>>in compliance with Regulation (EU) No 1169/2011 - Annex II and subsequent additions and modifications)

### 2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

The use of this chemical agent implies the obligation of the "risk assessment" by the employer according to the provisions of Legislative Decree April 9, 2008 no. 81 and subsequent amendments. If the results of the risk assessment demonstrate that, in relation to the type, quantity, methods and frequency of exposure, there is only a low risk for the safety and irrelevant for the health of the workers and that the measures referred to in paragraph 1 of Legislative Decree April 9, 2008 no. 81 are sufficient to reduce the risk, the provisions of articles 225, 226, 229, 230 of the same Legislative Decree do not apply

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrelevant

### 3.2 Mixtures

Substance	Concentration[ w/w]	Classification	Index	CAS	EINECS	REACH
Potassium metabisulfite	> 25 <= 50%	EUH031; Skin Irrit. 2, H315; Eye Dam. 1, H318		16731-55-8	240-795-3	exempt, art 2 par. 5

Substance	Concentration[ w/w]	Classification	Index	CAS	EINECS	REACH
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## SECTION 4. First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Ventilate the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

#### Direct contact with skin (of the pure product):

Take off immediately contaminated clothing.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

#### Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

#### Ingestion:

Not dangerous. In case of malaise consult a doctor.

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

Contact with eyes causes very severe irritation, including redness and tear. Inhalation may cause irritation to the respiratory tract.

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

In case of discomfort, contact a doctor and if possible hand over this document.

Symptomatic treatment

UFI code on the packaging

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

#### Suggested extinguishing media:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

#### Extinguishing media to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

**5.3. Advice for firefighters**

Use protection for the breathing apparatus  
Safety helmet and full protective clothing.  
The water spray can be used to protect the people involved in the extinction.  
You may also use self-contained breathing apparatus, especially when working in confined and poorly ventilated areas.  
Keep containers cool with water spray

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:  
Leave the area surrounding the spill or release. Do not smoke  
Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:  
Eliminate all unguarded flames and possible sources of ignition. No smoking.  
Provide a sufficient ventilation.  
Evacuate the danger area and, in case, consult an expert.

**6.2. Environmental precautions**

Contain spills  
Inform the competent authorities.  
Dispose of the waste material in compliance with the regulations

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

6.3.1 Containment:  
Rapidly recover the product, wear a mask and protective clothing (for specifications refer to section 8.2. SDS)  
Recover the product for reuse, if possible, or for elimination.

6.3.2 Cleaning up:  
After wiping up, wash with water the area and materials involved

6.3.3 Other information:  
None in particular.

**6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Wear protective gloves and eye/face protection.  
At work do not eat or drink.  
See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabelled containers.

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Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool and dry place, away from heat sources and direct exposure to sunlight.

### 7.3. Specific end use(s)

Manufacture of food products:  
Handle with care.  
Store in a clean, dry, ventilated area away from heat and direct sunlight.  
Keep container tightly closed.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

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Related to contained substances:

Potassium metabisulfite:

Sulphur dioxide (7446-09-5) EU

8h\*TWA= 1.3 mg/m<sup>3</sup> - 0.5 ppm

Short term\*\*= 2.7 mg/m<sup>3</sup> - 1 ppm

\* Measured or calculated in relation to a reference period of eight hours, as a time weighted average

\*\* Short-term exposure level. Limit value above which exposure should not occur and which refers to a 15-minute period unless otherwise stated.

ACGIH - STEL: 0.25 ppm - Notes: (SO<sub>2</sub>)

- Substance: Potassium metabisulfite

DNEL

Systemic effects Long term Workers inhalation = 263 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers inhalation = 78 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers oral = 10 (mg/kg bw/day)

PNEC

Sweet water = 1,17 (mg/l)

Sea water = 0,12 (mg/l)

STP = 88,1 (mg/l)

### 8.2. Exposure controls



Appropriate engineering controls:

Manufacture of food products:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

8.2.2 Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other  
Wear normal work clothing.

(c) Respiratory protection  
Not needed for normal use.

(d) Thermal hazards  
No hazard to report

Environmental exposure controls:

Use according to good working practices and avoid to disperse the product into the environment.

## SECTION 9. Physical and chemical properties

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

Physical and chemical properties	Value	Determination method
Physical state	Fine powder	
Colour	White	
Odour	of sulfur dioxide	
Odour threshold	not determined as it is considered not relevant for the characterization of the product	
Melting point/freezing point	not determined as it is considered not relevant for the characterization of the product	
Boiling point or initial boiling point and boiling range	not determined as it is considered not relevant for the characterization of the product	
Flammability	not determined as it is considered not relevant for the characterization of the product	
Lower and upper explosion limit	not determined as it is considered not relevant for the characterization of the product	
Flash point	not determined as it is considered not relevant for the characterization of the product	ASTM D92
Auto-ignition temperature	not determined as it is considered not relevant for the characterization of the product	
Decomposition temperature	not determined as it is considered not relevant for the characterization of the product	
pH	not determined as considered not relevant for the characterization of the product	
Kinematic viscosity	not determined as it is considered not relevant for the characterization of the product	
Solubility	in water	
Water solubility	soluble in all proportions	
Partition coefficient n-octanol/water (log value)	not determined as it is considered not relevant for the characterization of the product	
Vapour pressure	not determined as it is considered not relevant for the characterization of the product	
Density and/or relative density	0,95 ± 0,15 (20 °C)	
Relative vapour density	not determined as it is considered not relevant for the characterization of the product	
Particle characteristics	not determined as considered not relevant for the characterization of the product	

**9.2. Other information****9.2.1 Information with regard to physical hazard classes**

Irrilevant

**9.2.2 Other safety characteristics**

Irrilevant

**SECTION 10. Stability and reactivity****10.1. Reactivity**

No reactivity hazards

**10.2. Chemical stability**

No hazardous reaction when handled and stored according to provisions.

**10.3. Possibility of hazardous reactions**

There are no hazardous reactions

**10.4. Conditions to avoid**

Nothing to report

**10.5. Incompatible materials**

Acids, oxidants, NaNO<sub>2</sub>, NaNO<sub>3</sub>

**10.6. Hazardous decomposition products**

Sulfur dioxide

**SECTION 11. Toxicological information**

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**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- (a) acute toxicity: based on available data the classification criteria are not met  
ATE(mix) oral = Not classified (no relevant component)  
ATE(mix) dermal = Not classified (no relevant component)  
ATE(mix) inhal = Not classified (no relevant component)
- (b) skin corrosion/dermal irritation: based on available data the classification criteria are met for skin irritation
- (c) severe eye damage/eye irritation: based on available data the classification criteria are met for eye irritation
- (d) respiratory or skin sensitisation: based on available data the classification criteria are not met
- (e) germ cell mutagenicity: based on available data the classification criteria are not met
- (f) carcinogenicity: based on available data the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met.
- (j) Aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

- (a) acute toxicity:  
Potassium metabisulfite: Based on available data, the classification criteria are not met  
Ingestion - LD50 rat (mg/kg/24h bw): >1540 - OECD 401  
Skin contact - LC50 rat / rabbit (mg/kg/24h bw): >2000 The product has not been tested. The declaration was derived from substances/products of similar structure or composition. - OECD 402  
Inhalation - LD50 rat (mg/l/4h): >5.5 The product has not been tested. The declaration was derived from substances/products of similar structure or composition. - OECD 403
  - (b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.  
Potassium metabisulfite: Based on available data, the classification criteria are not met.  
Corrosive to skin: Negative - In vitro - OECD 435  
Potassium metabisulfite: The product is classified: Skin Irrit. 2  
Skin Irritant rabbit: Positive - OECD 404 Skin Irritant: Positive - In vitro - OECD 439
  - (c) serious eye damage/irritation: If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.  
Potassium metabisulfite: The product is classified: Eye Dam. 1  
Corrosive to eyes rabbit: Positive - OECD 405  
Potassium metabisulfite: The product is classified: Eye Dam. 1  
Corrosive to eyes rabbit: Positive - OECD 405
  - (d) respiratory or skin sensitisation: Potassium metabisulfite: Based on available data, the classification criteria are not met.  
Skin sensitisation: Negative - OECD 429
  - (e) germ cell mutagenicity: Potassium metabisulfite: Based on available data, the classification criteria are not met.
  - (f) carcinogenicity: Potassium metabisulfite: Based on available data, the classification criteria are not met.
  - (g) reproductive toxicity: Potassium metabisulfite: Based on available data, the classification criteria are not met.
  - (h) specific target organ toxicity (STOT) single exposure: Potassium metabisulfite: Based on available data, the classification criteria are not met.
  - (i) specific target organ toxicity (STOT) repeated exposure: Potassium metabisulfite: Based on available data, the classification criteria are not met.
  - (j) aspiration hazard: Potassium metabisulfite: Based on available data, the classification criteria are not met.
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**11.2. Information on other hazards**

No data available.

**11.2.1. Endocrine disrupting properties**

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

**SECTION 12. Ecological information****12.1. Toxicity**

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Related to contained substances:

Potassium metabisulfite:

Acute toxicity - fish LC50 (mg/l/96h): 149.5 - *O. mykiss*

Acute toxicity - crustaceans EC50 (mg/l/48h): 74.9 - *Daphnia cladoceran Daphnia magna* Acute toxicity algae ErC50 (mg/l/72-96h): 36.8 - *Algae Scenedesmus subspicatus*

Chronic toxicity - fish NOEC (mg/l):50 - *Danio rerio*

Chronic toxicity - crustaceans NOEC (mg/l): 8.41 - *Daphnia cladoceran Daphnia magna* Chronic toxicity algae NOEC (mg/l): 28 - *Scenedesmus subspicatus*

Acute toxicity M-factor = 1

Chronic toxicity M-factor = 1

Use according to good working practices and avoid to disperse the product into the environment.

**12.2. Persistence and degradability**

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Related to contained substances:

Potassium metabisulfite:

The substance is an inorganic compound, and therefore cannot be subject to biodegradation

**12.3. Bioaccumulative potential**

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Related to contained substances:

Potassium metabisulfite:

No bioaccumulation is expected

**12.4. Mobility in soil**

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Related to contained substances:

Potassium metabisulfite:

No adsorption into the solid phase of the soil is expected.

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**12.5. Results of PBT and vPvB assessment**

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

**12.6. Endocrine disrupting properties**

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

**12.7. Other adverse effects**

No adverse effects

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Operate according to local or national regulations

**SECTION 14. Transport information****14.1. UN number or ID number**

Not included in the field of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

**14.2. UN proper shipping name**

None

**14.3. Transport hazard class(es)**

None

**14.4. Packing group**

None

**14.5. Environmental hazards**

None

**14.6. Special precautions for user**

No data available.

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**14.7. Maritime transport in bulk according to IMO instruments**

Transport in bulk is not foreseen

**SECTION 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Restrictions relating to the product or the substances contained (Annex XVII EC Reg. 1907/2006): not applicable  
Substances in Candidate list (art. 59 EC Reg. 1907/2006): the product does not contain SVHC in percentage = a 0.1 %.

Regulation (EU) 1169/2011: see point 2.2

Regulation (EU) 1308/2013; see point 2.2

Regulation (EC) 1333/2008; see point 2.2

REGULATION (EU) No 1357/2014 - waste:  
HP4 - Irritant — skin irritation and eye damage

**15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

**SECTION 16. Other information****16.1. Other information**

Points modified compared to previous release: 2.1. Classification of the substance or mixture, 2.2. Label elements, 3.2 Mixtures, 4.3. Indication of any immediate medical attention and special treatment needed, 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Description of hazard statements set out in paragraph 3

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H315 - Causes skin irritation. Classification procedure: Calculation method

H318 - Causes serious eye damage. Classification procedure: Calculation method

Main normative references:

Reg. (CE) n. 1907 del 18/12/06 REACH (Registration, Evaluation and Authorisation of CHemicals) et seq.

Reg. (CE) 1272/2008 CLP (Classification Labelling and Packaging) et seq.

Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.

Training required: This document must be submitted to the employer to determine the possible need for appropriate training for workers to ensure protection of human health and the environment.

n.a.: not applicable

n.d.: not available

ADR: Accord européen relative au transport International des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Acute Toxicity Estimati



# SAFETY DATA SHEET

## AROMAX

Issued on 06/12/2025 - Rel. # 9 on 06/12/2025

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In conformity to Regulation (EU) 2020/878

BFC: Bioconcentration Factor  
BOD: Biochemical Oxygen Demand  
CAS: Chemical Abstract Service number  
CAP: Centre AntiPoison  
CE/EC number EINECS (European Inventory of existing Commercial Substances) e ELINCS (European List of notified Chemical Substances)  
CL50/LC50: Lethal Concentration 50  
DL50/LD50: Lethal Dose 50  
COD: Chemical Oxygen Demand  
DNEL: Derived No Effect Level  
EC50: half maximal Effective Concentration  
ERC: Environment Release Classes  
EU/UE: European Union  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Dangerous Goods code  
Kow: Octanol water partition coefficient  
NOEC: No Observed Effect Concentration  
OEL: Occupational Exposure Limit  
PBT: Persistent Bioaccumulative and Toxic  
PC: Product Categories  
PNEC: Predicted No Effect Concentration  
PROC: Process Categories  
RID: Règlement concernant le transport International ferroviaire des marchandises dangereuses (Regulations concerning International rail transport of dangerous goods)  
STOT: Target Organ Systemic Toxicity  
STOT (RE): Repeated Exposure  
STOT (SE): Single Exposure  
STP: Sewage Treatment Plants  
SU: Sector of Use  
SVCH: Substance of Very High Concern  
TLV: Threshold Limit Value  
vPvB: Very Persistent Very Bioaccumulative

#### References and Sources:

- ECHA Registered Substances:  
<https://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- SDS raw material supplier
- GESTIS International Limit Value: <http://limitvalue.ifa.dguv.de>

This msds was made in good faith by technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

\*\*\* this tab annuls and replaces any previous edition. (IIXX)

Changes to the previous edition: variation on classification