

Safety Data Sheet AERMAX 23




Safety Data Sheet dated 2/12/2013, version 1



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

- 1.1. Product identifier
Mixture identification:
Trade name: AERMAX 23
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Air entraining admixture for cement mortars and concrete
Uses advised against:
All uses not included in the recommended uses
- 1.3. Details of the supplier of the safety data sheet
Company:
COLMEF SRL
Z.I. Ponte d'Assi
06024 - GUBBIO (PG)
Tel. +39-075-923561 (8:00-13:00;14:30-18:00)
Competent person responsible for the safety data sheet:
ufficiotecnico@colmef.com
- 1.4. Emergency telephone number
COLMEF SRL Tel. +39-075-923561 (8:00-13:00;14:30-18:00)

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:
Properties / Symbols:
Xi Irritant
R Phrases:
R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.
- EC regulation criteria 1272/2008 (CLP)
-  Warning, Eye Irrit. 2, Causes serious eye irritation.
 -  Warning, Skin Irrit. 2, Causes skin irritation.
 -  Warning, Skin Sens. 1, 1A, 1B, May cause an allergic skin reaction.

Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements



- Symbols:
Xi Irritant
- R Phrases:
R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.
- S Phrases:
S2 Keep out of reach of children.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
- Contents
Resin acids and Rosin acids, maleated, sodium salts

Safety Data Sheet AERMAX 23

Symbols:



Warning

Hazard statements:

- H319 Causes serious eye irritation.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

Precautionary statements:

- P102 Keep out of reach of children.
- P264 Wash ... Thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/clothing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.


3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:


10% - 25% Resin acids and Rosin acids, maleated, sodium salts

CAS: 68201-60-5

Xi; R36/38-43

 3.3/2 Eye Irrit. 2 H319

 3.2/2 Skin Irrit. 2 H315

 3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317

1% - 5% (c10-c16) alcohol ethoxylate sulfated sodium salt sol.30%

CAS: 68585-34-2

Xi; R41-38

 3.2/2 Skin Irrit. 2 H315

 3.3/1 Eye Dam. 1 H318

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Safety Data Sheet

AERMAX 23

- Protect uninjured eye.
- In case of Ingestion:
Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
- In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.
- 4.2. Most important symptoms and effects, both acute and delayed
None
- 4.3. Indication of any immediate medical attention and special treatment needed
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
None

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
Suitable extinguishing media:
Water.
Carbon dioxide (CO₂).
Extinguishing media which must not be used for safety reasons:
None in particular.
- 5.2. Special hazards arising from the substance or mixture
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
- 5.3. Advice for firefighters
Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
- 6.2. Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
Wash with plenty of water.
- 6.4. Reference to other sections
See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3. Specific end use(s)
None in particular

Safety Data Sheet

AERMAX 23

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
 No occupational exposure limit available
 DNEL Exposure Limit Values
 N.A.
 PNEC Exposure Limit Values
 N.A.
- 8.2. Exposure controls
 Eye protection:
 Use close fitting safety goggles certified in accordance with EN 166, don't use eye lens.
 Protection for skin:
 Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
 Protection for hands:
 Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. certified in accordance with EN 374, part 1,2,3.
 Respiratory protection:
 In case of insufficient ventilation or prolonged exposure wear suitable respiratory protection equipment certified in accordance with EN 149-FFP2.
 The life of the protection devices against the chemical agents depends on various factors (the way they are used, climatic factors and storage conditions), that can reduce also the life foreseen by CE standards.
 Always consult the manufacturer's instructions.
 Instruct the worker in the correct use of the equipment.
- Thermal Hazards:
 None
- Environmental exposure controls:
 None

SECTION 9: Physical and chemical properties

- 9.1. Information on basic physical and chemical properties
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|---|------------|
| Appearance | LIQUID |
| Colour: | DARK BROWN |
| Odour: | N.A. |
| Odour threshold: | N.A. |
| pH: | ca. 10 |
| Melting point / freezing point: | ca. 0°C |
| Initial boiling point and boiling range: | ca. 100°C |
| Solid/gas flammability: | N.A. |
| Upper/lower flammability or explosive limits: | N.A. |
| Vapour density: | N.A. |
| Flash point: | N.A. |
| Evaporation rate: | N.A. |
| Vapour pressure: | N.A. |
| Relative density: | N.A. |
| Solubility in water: | SOLUBLE |
| Solubility in oil: | INSOLUBLE |
| Apparent density (g/cm ³): | 1.02 |
| Auto-ignition temperature: | N.A. |
| Decomposition temperature: | N.A. |
| Viscosity: | N.A. |
| Explosive properties: | N.A. |
| Oxidizing properties: | N.A. |
- 9.2. Other information
- | | |
|--------------------------------------|------|
| Miscibility: | N.A. |
| Fat Solubility: | N.A. |
| Conductivity: | N.A. |
| Substance Groups relevant properties | N.A. |

Safety Data Sheet

AERMAX 23

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
Toxicological information of the mixture:
N.A.
Toxicological information of the main substances found in the mixture:
N.A.
If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:
 - a) acute toxicity;
 - b) skin corrosion/irritation;
 - c) serious eye damage/irritation;
 - d) respiratory or skin sensitisation;
 - e) germ cell mutagenicity;
 - f) carcinogenicity;
 - g) reproductive toxicity;
 - h) STOT-single exposure;
 - i) STOT-repeated exposure;
 - j) aspiration hazard.

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
N.A.
- 12.2. Persistence and degradability
N.A.
- 12.3. Bioaccumulative potential
N.A.
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- 14.1. UN number
- 14.2. UN proper shipping name
ADR-Shipping Name: --
IATA-Shipping Name: --
IMDG-Shipping Name: --
- 14.3. Transport hazard class(es) --
- 14.4. Packing group --

Safety Data Sheet AERMAX 23

- 14.5. Environmental hazards --
- 14.6. Special precautions for user --
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
N.A.

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)
 - Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)
 - Dir. 98/24/EC (Risks related to chemical agents at work)
 - Dir. 2000/39/EC (Occupational exposure limit values)
 - Dir. 2006/8/EC
 - Regulation (EC) n. 1907/2006 (REACH)
 - Regulation (EC) n. 1272/2008 (CLP)
 - Regulation (EC) n. 790/2009 (ATP 1 CLP)
 - Regulation (EU) n. 453/2010 (Annex I)
 - Regulation (EU) n. 286/2011 (ATP 2 CLP)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
 - None
- Where applicable, refer to the following regulatory provisions :
 - Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
 - Regulation (EC) nr 648/2004 (detergents).
 - 1999/13/EC (VOC directive)
- 15.2. Chemical safety assessment
No

SECTION 16: Other information

- Full text of phrases referred to in Section 3:
 - R36/38 Irritating to eyes and skin.
 - R38 Irritating to skin.
 - R41 Risk of serious damage to eyes.
 - R43 May cause sensitization by skin contact.

 - H319 Causes serious eye irritation.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H318 Causes serious eye damage.
- This document was prepared by a competent person who has received appropriate training.
- Main bibliographic sources:
 - ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
 - SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
 - CCNL - Appendix 1
 - Insert further consulted bibliography
- The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
- It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
- This MSDS cancels and replaces any preceding release.
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- | | |
|-------------|--|
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| CAS: | Chemical Abstracts Service (division of the American Chemical Society). |
| CLP: | Classification, Labeling, Packaging. |
| DNEL: | Derived No Effect Level. |
| EINECS: | European Inventory of Existing Commercial Chemical Substances. |
| GefStoffVO: | Ordinance on Hazardous Substances, Germany. |
| GHS: | Globally Harmonized System of Classification and Labeling of Chemicals. |
| IATA: | International Air Transport Association. |

Safety Data Sheet AERMAX 23

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|-----------|---|
| IATA-DGR: | Dangerous Goods Regulation by the "International Air Transport Association" (IATA). |
| ICAO: | International Civil Aviation Organization. |
| ICAO-TI: | Technical Instructions by the "International Civil Aviation Organization" (ICAO). |
| IMDG: | International Maritime Code for Dangerous Goods. |
| INCI: | International Nomenclature of Cosmetic Ingredients. |
| KSt: | Explosion coefficient. |
| LC50: | Lethal concentration, for 50 percent of test population. |
| LD50: | Lethal dose, for 50 percent of test population. |
| LTE: | Long-term exposure. |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| STE: | Short-term exposure. |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| TLV: | Threshold Limiting Value. |
| TWATLV: | Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard). |
| WGK: | German Water Hazard Class. |
| N.A.: | N.A. |
| N.D.: | |