

SAFETY DATA SHEET

Classified in accordance with ABNT NBR 14725: 2023

1. Identification

GHS Product identifier: ANTIESPUMANTE AE 100 A

Recommended use of the chemical and restrictions on use

Recommended use: Antifoaming Agent

Recommended restrictions: Not known.

Supplier's details

Manufacturer/Importer/Distributor Information : Momentive Performance Materials Indústria de Silicones Ltda
Rod. Eng. Constâncio Cintra, Km 78,5 - Bairro Pinhal
CEP 13.255-846 Itatiba - SP. Brazil.

Contact person : CS-LA.Silicones@momentive.com

Telephone : General information
+55 11 5128 4222

Emergency telephone number : suatrans cotec: 0800-707-7022/ Carechem 24: +55 11 3197 5891

2. Hazard identification

Classification of the substance or mixture:

Not classified as hazardous in accordance with ABNT NBR 14725

Classification System used: Adoption of the UN Globally Harmonized System of Classification and Labeling of Chemicals

GHS label elements, including precautionary statements:

Hazard Symbol: No symbol

Signal Word Not available.

Hazard Statement: Not applicable

Precautionary Statements Not applicable

Other hazards which do not result in classification: None.

3. Composition/information on ingredients

Chemical nature: Modified Polydimethylsiloxane Formulation

ANTIESPUMANTE AE 100 A

Mixtures

Composition Comments: Chemical classified as non-hazardous according to ABNT NBR 14725

4. First-aid measures

General information: Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves

Description of necessary first-aid measures

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice. Never give liquid to an unconscious person.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.

Skin Contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention promptly if symptoms occur after washing.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed

Symptoms: None known.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Notes to the physician

Treatment: There is no specific antidote. Treat symptomatically

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂) Foam. Water spray Dry chemical.

Unsuitable extinguishing media: water jet

Specific hazards arising from the chemical: In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

Special protective action for fire fighters

Special fire-fighting procedures: Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

ANTIESPUMANTE AE 100 A

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Caution: Contaminated surfaces may be slippery. Use personal protective equipment (PPE) with overall or trousers and long-sleeved cotton shirt, polyvinyl chloride (PVC), latex or nitrilic gloves, leather safety shoes, polycarbonate goggles and if necessary foam, silicone or polymer hearing protection, polyethylene protective helmet and high-visibility clothing.
For non-emergency personnel:	Do not allow runoff to sewer, waterway or ground.
For emergency responders:	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). See Section 8 of the SDS for Personal Protective Equipment.
Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.
Methods and material for containment and cleaning up:	Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal. Caution: Contaminated surfaces may be slippery.

7. Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. See Section 8 of the SDS for Personal Protective Equipment. Do not eat, drink or smoke when using the product. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities:	Keep container tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feeding stuffs. Use original container or packaging of similar material of construction

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Biological Limit Values

None of the components have assigned exposure limits.

Appropriate Engineering Controls

Eye wash facilities and emergency shower must be available when handling this product. Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Safety glasses with side shields

Skin Protection

Hand Protection: Chemical resistant gloves

Other: Wear suitable protective clothing.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hygiene measures: Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

ANTIESPUMANTE AE 100 A

9. Physical and chemical properties

Appearance

Physical state: liquid
Form: liquid
Color: White

Odor: Mild

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: No data available.

Initial boiling point and boiling range: > 150 °C

Flash Point: > 207 °C (Closed Cup)

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): No data available.

Flammability limit - lower (%): No data available.

Explosive limit - upper: No data available.

Explosive limit - lower: No data available.

Vapor pressure: > 26,6 hPa

Vapor density: No data available.

Density: 0,988 g/cm³

Relative density: No data available.

Solubility(ies)

Solubility in water: Insoluble

Solubility (other): No data available.

Partition coefficient (n-octanol/water) Log Pow: No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

SADT: No data available.

Viscosity, dynamic: No data available.

Viscosity, kinematic: No data available.

Particle characteristics

Particle Size: No data available.

Particle Size Distribution: No data available.

Specific surface area: No data available.

Shape: No data available.

10. Stability and reactivity

Reactivity: No dangerous reaction if used as recommended.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous polymerization will not occur.

ANTIESPUMANTE AE 100 A

Conditions to avoid:	None known.
Incompatible Materials:	Strong Acids, Strong Bases
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

11. Toxicological information

General information: This product is not tested.

Information on likely routes of exposure

Ingestion:	No data available.
Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral	
Product:	Not classified for acute toxicity based on available data.
Dermal	
Product:	Not classified for acute toxicity based on available data.
Inhalation	
Product:	Not classified for acute toxicity based on available data.

Repeated dose toxicity
Product: No data available.

Skin Corrosion/Irritation
Product: No data available.

Serious Eye Damage/Eye Irritation
Product: No data available.

Respiratory or Skin Sensitization
Product: No data available.

Carcinogenicity

ANTIESPUMANTE AE 100 A

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

ANTIESPUMANTE AE 100 A

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

13. Disposal considerations

General information: The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

14. Transport information

ANTT

Não regulado.

IATA

Not Regulated.

IMDG Code

Not Regulated.

Special precautions for user: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from food, drink and animal feeding stuffs.

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

Product is not transported in bulk.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

SDS_

ANTIESPUMANTE AE 100 A

Brasil. Relação de Produtos Controlados Pelo Exército (Decreto nº 3.665, Anexo I)

Não aplicável

Brasil. Produtos químicos controlados pela Polícia Federal (Decreto nº 204)

Não aplicável

Brasil. (Decreto nº 99.280, anexos A, B, C e E, tal como alterada) substâncias que empobrecem a camada de ozônio

Não está Regulamentado

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

Inventory Status:

Australia Industrial Chem. Act (AICC):	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: Commercial Status: Active

16. Other information, including date of preparation or last revision

Issue Date: 23.02.2026

Revision Date: No data available.No data available.

Wording of the H-statements in section 2 and 3: none

Version #: 5.0

ANTIESPUMANTE AE 100 A

Date of printing: 31.03.2026

Key abbreviations or acronyms used:

ABNT=The Brazilian Association of Technical Standards
ACGIH = American Conference of Governmental Industrial Hygienists
ANTT=Agencia Nacional de Transporte Terrestre
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
BEI = Biological Exposure indices
BR OEL = Brazilian Occupational Exposure Limits
CAS = Chemical Abstracts Service
ECx=Concentration associated with x% response
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IBMP = Maximum Biological Index allowed
IMDG = International Maritime Dangerous Goods
LC0=Lethal Concentration, 0% mortality
LC50 = Lethal Concentration, 50%
LD50=Lethal Dose, 50%
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOEC=No Observed Effect Concentration
NR = Regulatory Standard
OECD = Organization for Economic Cooperation and Development
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL = Short Term Exposure Level
TLV = Threshold Limit Value
TWA = Time Weighted Average
UN = United Nations

References:

ACGIH Biological exposure indices - Revision identified in brackets, in the table in Section 8
ACGIH Threshold Limit Values - Revision identified in brackets, in the table in Section 8
Brazil Biological Exposure Limits (NR-07, Table 1) - Revision identified in brackets, in the table in Section 8
Brazil Occupational Exposure Limits (NR - 15, Annex 11) - Revision identified in brackets, in the table in Section 8
IHS Regulatory Database
3E Ariel WebInsight

ANTIESPUMANTE AE 100 A

Disclaimer:

Notice to reader

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives.

| A vertical line in the left hand margin indicates an amendment from the previous version

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.

® and TM indicate trademarks owned by or licensed to Momentive.