

SAFETY DATA SHEET

Classified in accordance with Health Canada Hazardous Products Regulations
(SOR/2015-17)

1. Identification

Product identifier:
TEGO® Airex 904 W

Chemical name:
Polyethersiloxanes with hydrophobic particles

Recommended use of the chemical and restrictions on use

Recommended use: Industrial Use
Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

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+1 613 996 6666 (CANUTEC – For Transportation Emergencies Only)
+1 973 929 8060 (Product Regulatory Services)

2. Hazard(s) identification

Hazard Classification According to Hazardous Product Regulations

Health Hazards

Toxic to reproduction Category 2

Label Elements

Hazard Symbol:



Signal Word:	Warning
Hazard Statement:	Suspected of damaging fertility or the unborn child.
Precautionary Statements	
Prevention:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
Response:	IF exposed or concerned: Get medical advice/attention.
Storage:	Store locked up.
Disposal:	Dispose of contents/ container to an approved waste disposal plant.

Physical Hazards Not Otherwise Classified: None.

Health Hazards Not Otherwise Classified: None.

3. Composition/information on ingredients

Chemical name:
 Polyethersiloxanes with hydrophobic particles

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Octamethylcyclotetrasiloxane		556-67-2	>=0.1 - <1%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

General information:	Remove soiled or soaked clothing immediately
Inhalation:	Ensure supply of fresh air. In the event of symptoms seek medical advice.
Skin Contact:	In case of contact with skin wash off with soap and water. In the event of symptoms seek medical advice.
Eye contact:	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek medical advice.
Ingestion:	Thoroughly clean the mouth with water In the event of symptoms seek medical advice.
Personal Protection for First-aid Responders:	Do not inhale explosion and/or combustion gases, Self-contained breathing apparatus.

Most important symptoms/effects, acute and delayed

Symptoms: No special hints.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media: Full water jet

Specific hazards arising from the chemical: In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No specific precautions.

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases Self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Methods and material for containment and cleaning up: Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

Environmental Precautions: Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): No data available.

Safe handling advice: Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.No special measures necessary if stored and handled as prescribed. Wear respiratory protection when spraying.

Contact avoidance measures: No data available.

Hygiene measures: Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

Storage

Safe storage conditions: Keep container tightly closed. Storage temperature should not exceed 40 °C Homogenise before using.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

Skin Protection

Hand Protection: Material: gloves made of nitril (NBR)
Break-through time: 120 min

Other: protective clothing

Respiratory Protection: in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Hygiene measures: Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

9. Physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Opaque, yellowish, dull
Odor:	Characteristic
Odor Threshold:	not measured
pH:	6.5 (23 °C) delivered form
Freezing point:	not measured
Boiling Point:	not measured
Flash Point:	> 100 °C (DIN EN ISO 2719)
Evaporation Rate:	not measured
Flammability (solid, gas):	no data available

Explosive limit - upper (%):	Not applicable
Explosive limit - lower (%):	Not applicable
Vapor pressure:	not measured
Vapor density (air=1):	not measured
Density:	1.01 - 1.03 g/cm ³ (25 °C) (DIN 12791)
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	miscible

Solubility (other):	not measured
Partition coefficient (n-octanol/water):	not measured
Self Ignition Temperature:	not measured
Decomposition Temperature:	not measured
Kinematic viscosity:	No data available.
Dynamic viscosity:	50 - 400 mPa.s (25 °C, DIN 53015 (Höppler))
Other information	
Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Minimum ignition temperature:	Not applicable
Metal Corrosion:	Not corrosive to metals

10. Stability and reactivity

Reactivity:	see section "Possibility of hazardous reactions"
Chemical Stability:	The product is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling.
Conditions to avoid:	Unknown
Incompatible Materials:	Unknown
Hazardous Decomposition Products:	None with proper storage and handling.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	Relevant route of exposure. Information on effects are given below.
Skin Contact:	Relevant route of exposure. Information on effects are given below.
Eye contact:	Relevant route of exposure. Information on effects are given below.
Ingestion:	If handled correctly, not a relevant route of exposure. Information on effects are given below.

Symptoms related to the physical, chemical and toxicological characteristics

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

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product:	no data availableNo data available.
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Specified substance(s):
Octamethylcyclotetrasiloxane LD 50 (Rat): > 4,800 mg/kg

Dermal
Product: no data availableNo data available.

Specified substance(s):
Octamethylcyclotetrasiloxane LD 50 (Rat): > 2,375 mg/kg

Inhalation
Product: no data availableNo data available.

Specified substance(s):
Octamethylcyclotetrasiloxane LC 50 (Rat): 36 mg/l

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
Product: No data available.

Germ Cell Mutagenicity

In vitro
Product: No data available.

Specified substance(s):
Octamethylcyclotetrasiloxane
gene mutation (OECD 471): negative
gene mutation (OECD 476): negative
Chromosomal aberration (OECD 473): negative

In vivo
Product: No data available.

Specified substance(s):
Octamethylcyclotetrasiloxane
Micronucleus test (OECD 474) inhalative (Rat): negative
Chromosomal aberration (OECD TG 478) Oral (Rat): negative

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:**

Not classified

Other effects:

Proper use provided, no adverse health effects have been observed or have been come to our knowledge. Eye contact may produce an oil film over the eye-ball causing a harmless reversible shortlasting dimness of sight. - Contains Octamethylcyclotetrasiloxane - Rats that have had octamethylcyclotetrasiloxane administered repeatedly by inhalative or oral methods showed an increase of liver weights.No other symptoms to the liver had been observed.Further studies on rabbits and guinea pigs did not show effects to the liver. In range-finding studies Octamethylcyclotetrasiloxane affected the reproduction of laboratory animals exposed to high vapour concentrations of 500 and 700 ppm, but not in lower concentrations. Effects on maternal animals (systemic toxicity) were already seen with 300 ppm and higher concentrations. The significanceof these findings to humans is doubtful. In developmental toxicity studies in which rats and rabbits were exposed to Octamethylcyclotetrasiloxane by vapour inhalation of high concentrations up to 700 ppm and 500 ppm respectively, no teratogenic effects (no malformations) were observed.

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

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)**Product:** Log Kow: not measured**Mobility in soil:** No data available.**Known or predicted distribution to environmental compartments**

Octamethylcyclotetrasiloxane No data available.

Other adverse effects: The product is classified as extremely hazardous to waters (according to the German Regulation on the Classification of Substances Hazardous to Waters (WwSV). Do not allow to enter soil, waterways or waste water canal.**13. Disposal considerations****Disposal methods:** In accordance with local authority regulations, take to special waste incineration plant**Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.**14. Transport information****Domestic regulation****TDG**

Not regulated as a dangerous good

International Regulations**UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

15. Regulatory information**Canada Federal Regulations****List of Toxic Substances (CEPA, Schedule 1)****Chemical Identity**

Octamethylcyclotetrasiloxane

Export Control List (CEPA 1999, Schedule 3)

Not Regulated

National Pollutant Release Inventory (NPRI)**Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements**

NPRI PT5 Not Regulated

Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)

NPRI Not Regulated

Greenhouse Gases
 Not Regulated

Canada. Substances Subject to Significant New Activity (SNAc) Reporting Requirements
 Not Regulated

Controlled Drugs and Substances Act

CA CDSI	Not Regulated
CA CDSII	Not Regulated
CA CDSIII	Not Regulated
CA CDSIV	Not Regulated
CA CDSV	Not Regulated
CA CDSVII	Not Regulated
CA CDSVIII	Not Regulated

Precursor Control Regulations
 Not Regulated

Inventory Status:

US TSCA Inventory:	Included on Inventory.	This product contains one or more components that comply with the TSCA Polymer Exemption criteria per 40 CFR 723.250.
Canada DSL Inventory List:	Included on Inventory.	

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

Issue Date: 03/27/2019

Revision Date: 03/27/2019: ARGLO_INVSTS

Version #: 1.1

Further Information: No data available.

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