

## Material Safety Data Sheet

Version: 1.17

Revision Date : 06/15/2011  
Date Issued : 08/21/2013

### TEGO AIREX 900

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : TEGO AIREX 900  
 PRODUCT CODE : 200589  
 CHEMICAL FAMILY : Organo-modified polysiloxane

Information on manufacturer/supplier : Evonik Industries AG  
 Werk Tego  
 Goldschmidtstr. 100  
 Essen, 05 45127

Emergency telephone number (24h) : Telephone:  
 CHEMTREC (800) 424-9300  
 CANUTEC (613) 996-6666  
 Non-Emergency Phone Number: (800) 732-5616

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	> 5 - < 10

#### 3. HAZARDS IDENTIFICATION

##### Emergency Overview

##### **Physical Appearance**

Form : Liquid  
 Colour : brown, cloudy  
 Odour : Solvent-like  
 Water solubility : insoluble

pH :  
 not applicable  
 delivered form

##### **Potential health effects**

Eyes : May produce oil film causing brief reversible dimness of sight.

## Material Safety Data Sheet

Version: 1.17

Revision Date : 06/15/2011  
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### TEGO AIREX 900

- Skin : No harmful effects have been reported upon contact with skin.
- Ingestion : No harmful effects have been reported upon ingestion.
- Inhalation : No harmful effects have been reported upon inhalation.
- Primary routes of entry : Eyes
- Target organs : Eyes
- Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

#### 4. FIRST AID MEASURES

- Eyes : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
- Skin : Immediately and thoroughly, wash off with soap and water.
- Ingestion : If swallowed, seek medical attention and show MSDS.
- Inhalation : No special first aid measures required.

#### 5. FIRE-FIGHTING MEASURES

- Flash point : 199 °F  
Method: TAG CC
- Autoignition temperature : not measured
- Upper Explosion limits : not measured
- Lower explosion limit : not measured
- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : not applicable

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- Products in case of fire : In the event of fire the following can be released:  
- carbon dioxide, carbon monoxide  
- Silicon dioxide
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Hazardous decomposition products : None with proper storage and handling.
- OSHA flammable class : Combustible Liquid, Class IIIA

## 6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :  
Use personal protective equipment. Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder).

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

## 7. HANDLING AND STORAGE

### **General Procedures Handling**

- Advice on safe handling : Ensure adequate ventilation.
- Advice on protection against fire and explosion : Keep away from sources of ignition - no smoking  
Take precautionary measures against electrostatic loading.  
Cool endangered containers by water spray

## Material Safety Data Sheet

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment

- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. No other precautions required.
- Respiratory protection : Respiratory protection is not required.
- Hand protection : PVC gloves
- Eye protection : Use chemical resistant goggles or safety glasses with side shields.
- Protective clothing : light protective clothing
- Engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Colour : brown, cloudy
- Odour : Solvent-like
- State of aggregation : Liquid
- Melting point : not measured
- Boiling temperature : not measured
- Vapour pressure : not measured
- Density : 1.007 g/cm<sup>3</sup>
- Weight per volume : 8.33 Lb/Gal
- Water solubility : insoluble
- pH : delivered form  
not applicable

## Material Safety Data Sheet

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Viscosity, dynamic : 70 - 180 mPa.s  
at 25 °C

Volatile organic compound : 132.41 g/l  
1.10 Lb/Gal  
percentage volatile: 13.31 %  
Percent Water:0.190 %  
percent non-volatile: 86.69 %

## 10. STABILITY AND REACTIVITY

Conditions to avoid : None

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

Hazardous polymerisation : No

Stability : Yes

Hazardous decomposition products : None with proper storage and handling.

## 11. TOXICOLOGICAL INFORMATION

Note : 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.

## 12. ECOLOGICAL INFORMATION

### Further ecological information

Ecological notes : As far as known, the product will not cause any substantial disturbance of ecological processes or equilibriums.

## Material Safety Data Sheet

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#### **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state, and federal regulations.

Product disposal and disposal requirements : 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**

##### **Sea transport**

**IMDG:**

Not regulated

##### **Air transport**

**ICAO/IATA:**

Not regulated

##### **DOT (Department of Transportation)**

**CFR Road:**

Not regulated < 119 gallons

**CFR Rail:**

Not regulated < 119 gallons

##### **CANADA Transport of Dangerous goods**

**TDG Road:**

Not regulated

**TDG Rail:**

Not regulated

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## 15. REGULATORY INFORMATION

### United States

- SARA Section 311/312 : Fire: Yes  
Pressure generating: No  
Reactivity: No  
Acute: No  
Chronic: No
- SARA Sections : SECTION 313  
Notification : No  
This product contains no SARA Title III, Section 313 listed chemicals.
- Notification Status : TSCA  
Notification : Yes  
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.
- California Proposition 65 Statement : Notification : No  
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

### Canada

- : WHMIS CLASSIFICATION  
Class B, Division 3, Combustible Liquid
- This product does not contain component(s) on the WHMIS Ingredient Disclosure List.
- Notification Status : Canadian Environmental Protection Act  
DSL  
Notification : Yes  
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

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#### **16. OTHER INFORMATION**

HMIS Codes : Fire : 2  
Health : 1  
Physical Hazard : 0  
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

**END OF MSDS**