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Product: **TEAgel®**  
SDS Preparation Date: **May 11, 2017**

Product Number: **1404,1408,1416,1440**  
**Meets GHS and ISO 11014-1**

## SAFETY DATA SHEET

GHS and ISO 11014-1

### 1. Identification of the substance or mixture and of the supplier

#### GHS Product information:

- **Product name/Number:** TEAgel 1404, 1408, 1416, 1440
- **Trade Name:** TEAgel®
- **Recommended use of the chemical and restrictions on use:** Natural air purifier
- **Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.

#### Supplier details:

TRAC Ecological of America, Inc.  
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### 2. Hazards identification

TEAgel contains no hazardous ingredients

### 3. Composition/information on ingredients and Substance Chemical Identity:

#### Chemical composition:

Mixtures of below listed substances and other unlisted ingredients. Unlisted ingredients are not "hazardous" per the GHS Classification.

TEAgel contains no hazardous ingredients

#### Additional information:

For wording of the listed risk phrases please refer to section 16.

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#### 4. First aid measure:

- **General:** None
- **Inhalation:** None
- **Eyes:** Wipe away and immediately flush eyes with plenty of water for 15 minutes while keeping eyelids open. Seek medical attention if symptoms persist.
- **Skin:** Wipe from skin and wash hands with waterless hand cleaner or soap and water. Wipe with clean dry cloth, seek medical attention if irritation develops and persists.
- **Ingestion:** No data is available on the human or animal health effect, but this product is expected to be toxic and an ingestion hazard.

#### 5. Fire fighting measures:

##### Suitable (and unsuitable) extinguishing media:

- TEAgel is not flammable; use most appropriate agent to extinguish surrounding material, water - foam - powder - dry chemical.

##### Specific hazards arising from the chemical:

- Product swells when exposed to heat and becomes very slippery.

##### Special protective equipment and precautions for fire fighters:

- Self breathing apparatus.

#### 6. Accidental release measures:

##### Personal precautions, protective equipment and emergency procedures:

- Wear protective equipment, like:
  - gloves : none
  - respiration protection : none
  - eyes protection : safety glasses
  - shoes : normal
  - clothing : normal
  - control mechanic device : none

##### Environmental precautions:

- TEAgel is non-toxic and non-hazardous and can be rinsed with water and dispose to sewage according to Federal, National, and local regulations.

##### Methods and materials for containment and cleaning up:

- TEAgel is non-toxic and non-hazardous and can be rinsed with water, and dispose to sewage according to Federal, National and local regulations.

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## 7. Handling and storage:

### Precautions for safe handling:

- No special measures required.
- Information about fire - and explosion protection: Store drums away from excessive heat, basically no special measures required

### Conditions for safe storage, including any incompatibilities:

- No special measures required;
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
  - Store in normal conditions, keep containers/drums sealed
  -

## 8. Exposure controls/personal protection:

### Personal precautions, protective equipment and emergency procedures:

- Wear protective equipment, like:
  - gloves : none
  - respiration protection : none
  - eyes protection : safety glasses
  - shoes : normal
  - clothing : normal
  - control mechanic device : none

## 9. Physical and chemical properties:

- Appearance: Semi-solid gel
- Color: Light blue
- Odor: Lemon and tea tree oil odor
- pH: 6 to 7
- Melting point: NA
- Boiling point: NA
- Freezing point: NA
- Flash point: Non-flammable
- Evaporation rate: NA
- Flammability (solid, gas): NA
- Upper/lower flammability or explosive limits: NA
- Vapor pressure: NA
- Vapor density: NA
- Relative density: 0.950 to 1.0
- Solubility(ies): NA
- Partition coefficient: n-octanol/water: NA
- Auto ignition temperature: NA
- Decomposition temperature: NA

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### 10. Stability and reactivity:

- Chemical stability: Stable when stored at between 0 to 60 celcius
- Possibility of hazardous reactions: None Described
- Conditions to avoid: None
- Incompatible materials: NA
- Hazardous decomposition products: NA

### 11. Toxicological information:

TEAgel contains no hazardous ingredients and is considered non-toxic and biodegradable

### 12. Ecological information:

Toxicity	No toxicity data noted for the ingredient(s).
Persistence and (BIO)degradability	No data available
Bio-accumulative potential	Not available.
Partition coefficient; n-octanol/water (log Kow);	Not available.
Bio-concentration factor (BCF)	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
Other adverse effects	Not available.

**Summary:** The product is not classified as dangerous for the environment. The evaluation of environmental hazards is based on the concentration limits as set out in directive 1999/45/EC.

### 13. Disposal considerations:

#### Waste treatment methods:

- TEAgel is non-hazardous and used or expended material can be disposed to local sewage systems according to Federal, National and Local regulations and instructions
- After rinsing with plenty of water, empty containers may be recycled.
  - Waste code according to 2000/532/EC (product):
  - Waste code according to 2000/532/EC (package):

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#### 14. Transport information:

- ADR:** No special instructions needed
- RID:** No special instructions needed
- AND:** No special instructions needed
- IATA:** No special instructions needed
- IMDG:** No special instructions needed

#### 15. Regulatory Information

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

- GHS system for labelling and SDS
- Current regulation in US and Canada:
  - In USA: OSHA (29 CFR 1910.1200)
  - Canada: WHMIS
- EU regulations
  - Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances; Not regulated.
  - Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work; Phosphoric acid mixture (CAS 7664-38-2)
  - Directive 94/33/EC on the protection of young people at work; Phosphoric acid mixture (CAS 7664-38-2)

##### Chemical safety assessment:

- Not available

#### 16. Other information including information on preparation and revision of the SDS:

##### List of abbreviations:

- CAS: Chemical Abstract Service Registration Number
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- LD50: Lethal Dose, 50%
- LC50: Lethal Concentration, 50%
- EC50: Effect Concentration, 50%
- NOEL: No Observed Effect Level
- COD: Chemical Oxygen Demand
- BOD: Biochemical Oxygen Demand

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- TOC: Total Organic Carbon
- CEN: European Committee for Standardisation
- EC-No: European Commission Number
- CLP: Regulation on classification, labelling and packaging of substances and mixtures
- DSD: Dangerous Substances Directive
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IATA: International Air Transport Association
- IMDG: International Maritime Dangerous Goods Code
- RID: International Rule for Transport of Dangerous Substances by Railway
- GHS: Global Harmonised System
- HCS: harmonized classification scheme

## 16. Other information including information on preparation and revision of the SDS *continued*:

### References Safety data: sheets of raw materials

Information on evaluation method leading to the classification of mixture, the health, and environmental hazards of this mixture are assessed by applying the conventional methods as described in GHS and EU Annex II and III to Directive 1999/45/EC.

### P phrases and H statements:

- H303 May be harmful if swallowed
- H315 Causes skin irritation
- H320 Causes eye irritation
- H335 May cause respiratory irritation
- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children
- P233 Keep container tightly closed
- P260 Do not breathe mist/vapours/spray
- P262 Do not get in eyes, on skin, or on clothing
- P264 Wash hands thoroughly after handling
- P273 Avoid release to the environment
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P285 In case of inadequate ventilation wear respiratory protection

Process categories according to ECHA and GHS