



## Safety Data Sheet: MileGuard Aqua Degreaser AI

### 1. IDENTIFICATION

**Product Name:** MileGuard Aqua Degreaser AI

**Chemical Name:** Mixture

**Recommended Use:** Water based degreasing applications

**Company:** Tilley Chemical Co. Inc.  
501 Chesapeake Park Plaza  
Baltimore MD 21220  
410-574-4500  
[www.tilleylubricants.com](http://www.tilleylubricants.com)

**Emergency Telephone Number:** 24-Hour Emergency Contact: 800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS Classification:** Skin irritation, Eye Damage/Irritation

**Hazard Category:** Acute toxicity, oral - Category 4  
Skin corrosion/irritation - Category 2  
Serious eye damage/eye irritation - Category 2  
Specific target organ toxicity, single exposure - Category 3  
Hazardous to the aquatic environment, acute hazard



**Label elements:**  
**Hazard symbols**

**Signal Word:** Warning

**Hazard Statements:** Causes serious eye irritation  
Harmful if swallowed  
Causes skin irritation

**Precautionary Prevention:** Wear eye/face protection. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves.

**Response:**



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- If on Skin:** Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- Storage:** Store in a well-ventilated place. Keep cool, away from incompatible materials.
- Disposal:** Dispose of contents/container in accordance with local, regional, national, international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	Concentration
Poly (oxy-1,2 ethanediyl), alpha-undecyl omega-hydroxy-	34398-01-1	2 – 6
N,N-dimethyl 9 decenamide	1356964-77-6	3 – 6
Sodium octanesulfonate	5324-84-5	3 - 5
Fragrance	Mixture	< 1
Water	7732-18-5	80 - 90

### 4. FIRST AID MEASURES

#### Description of first aid measures

- Inhalation** Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
- Skin contact** Wash affected areas with plenty of water, get medical attention if irritation develops or persists.
- Eye contact** Immediately rinse eyes with water. Get immediate medical attention if irritation continues.
- Ingestion** Rinse mouth. Get medical attention if symptoms occur.
- Important Symptoms** May cause an allergic skin reaction. May experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.



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### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:**

CO2, water, foam, and dry chemical spray

**Unsuitable extinguishing media:**

None

#### Special hazards arising from the substance or mixture

**Hazardous combustion products:**

During fire, gases hazardous to health may be formed.

**Unusual Fire and Explosion Hazards:**

None

**Fire Fighting Procedures:**

Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed.

**Special protective equipment for firefighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire

### 6. ACCIDENTAL RELEASE MEASURES

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

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Keep personnel out of low areas. Do not get in eyes, on skin, or on clothing

**Environmental precautions:**

Avoid entry in public waters, lakes, rivers and waterways.

**Methods and materials for containment and cleaning up**

Clean up with spill with a suitable absorbent and sweep up and containerize for reclamation or disposal. disposal according to local/federal regulations (see section 13)





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### 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Do not dump into drains.

**Conditions for safe storage:**

Store in original container protected from physical damage in a dry, cool and well-ventilated area, away from children, incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.

**Incompatible products:**

None known

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters Component**

Isopropanol (CAS 67-63-0)	Type	Value
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000	PEL	980 mg/m <sup>3</sup> 400 ppm
US. ACGIH Threshold Limit Values	STEL TWA	400 ppm 200 ppm
US. NIOSH: Pocket Guide to Chemical Hazards	STEL  TWA	1225 mg/m <sup>3</sup> 500 ppm  980 mg/m <sup>3</sup> 400 ppm

**Individual Protection Measures**

**Eye/face protection:**

Safety glasses may be worn for protection

**Skin protection**

**Hand protection:**

Wear natural rubber gloves if your skin is sensitive

**Other protection:**

No special protective equipment required.

**Respiratory Protection:**

In case of insufficient ventilation, wear suitable respiratory equipment.



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid
<b>Solubility in water:</b>	Soluble
<b>Odor:</b>	Fresh Scent
<b>Odor Threshold:</b>	Not available
<b>Ph (100%):</b>	5 - 6
<b>Flash Point:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Lower explosion limit:</b>	Not available
<b>Upper explosion limit:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Partition coefficient n-octanol/ water</b>	Not available
<b>Specific Gravity @ 20 C:</b>	~1.0
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available

### 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable
<b>Chemical stability:</b>	Stable under recommended storage conditions. See Storage, Section 7
<b>Possibility of hazardous reactions</b>	Polymerization will not occur.
<b>Conditions to avoid:</b>	Avoid contact with heat, flame and spark
<b>Incompatible materials:</b>	Strong oxidizing agents
<b>Hazardous decomposition: products</b>	Will not occur.

### 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects

<b>Eyes:</b>	May cause severe irritation. Risk of chemical burns
<b>Skin:</b>	Irritating. May cause redness
<b>Inhalation:</b>	No known effect
<b>Ingestion:</b>	Harmful if swallowed
<b>Acute toxicity:</b>	No known effect
<b>Carcinogenicity Data:</b>	No components have been listed as carcinogenic.
<b>Reproductive Effects:</b>	No data available
<b>Mutagenicity Data:</b>	No data available
<b>Teratogenicity Data:</b>	No data available
<b>Aspiration hazard:</b>	No known effect



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**Specific target organ:** Not known  
**toxicity – single exposure/:** Harmful if swallowed  
**repeated exposure**  
**Target Organ Effects**  
**Oral Toxicity**

Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity
LD50 > 2,000 mg/kg	LD50 > 2,000 mg/kg	Low toxicity by inhalation

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Expected to be harmful: LL/EL/IL50 10-100 mg/l  
**Persistence and degradability:** No data available  
**Bio accumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects:** No data available

## 13. DISPOSAL CONSIDERATIONS

**Disposal Instructions:**  
 Dispose of contents/container in accordance with local, regional, federal and international regulations.

**Contaminated packaging:**  
 Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**Waste from residues/unused products:**  
 Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Not regulated  
**IMDG:** Not regulated  
**IATA :** Not regulated

## 15. REGULATORY INFORMATION



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<b>SARA 302 (EHS):</b>	No components listed under Section 302
<b>SARA 313:</b>	No component listed under Section 313 above the deminimis limit
<b>SARA 311/312 Hazardous chemical:</b>	Yes
<b>T.S.C.A.:</b>	All components are listed in the T.S.C.A. Inventory

## 16. OTHER INFORMATION

**Issue Date:** 3/1/2019

**Revision Date:**

**Disclaimer:**

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