# TOTAL INTERIOR DETAILER 16 FL.OZ.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/05/2016  Supersedes: 11/25/2014  Version: 1.1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade name</td>
<td>TOTAL INTERIOR DETAILER 16 FL.OZ.</td>
</tr>
<tr>
<td>Product code</td>
<td>841-06</td>
</tr>
</tbody>
</table>

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Interior Cleaner & Detailer

### 1.3. Details of the supplier of the safety data sheet

Technical Chemical Company
P.O. BOX 139
Cleburne, Texas 76033
T 817-646-6088

### 1.4. Emergency telephone number

Emergency number: CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**
Skin Sens. 1  H317

Full text of H statements: see section 16

### 2.2. Label elements

**GHS-US labeling**

<table>
<thead>
<tr>
<th>Signal word (GHS-US)</th>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard pictograms (GHS-US)</td>
<td>!</td>
</tr>
</tbody>
</table>

| Hazard statements (GHS-US) | H317 - May cause an allergic skin reaction |
| Precautionary statements (GHS-US) | P261 - Avoid breathing dust, fume, gas, mist, vapor spray  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear protective gloves, protective clothing, eye protection, face protection  
P302+P352 - If on skin: Wash with plenty of soap and water  
P321 - Specific treatment: See section 4.1 on SDS  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations. |

### 2.3. Other hazards

Other hazards not contributing to the classification: None under normal conditions.

### 2.4. Unknown acute toxicity (GHS US)

No data available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS No) 7732-18-5</td>
<td>70 - 85</td>
<td>Not classified</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>(CAS No) 63148-62-9</td>
<td>10 - 30</td>
<td>Not classified</td>
</tr>
<tr>
<td>Magnesium Nitrate</td>
<td>(CAS No) 10377-60-3</td>
<td>1 - 5</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one</td>
<td>(CAS No) 55965-84-9</td>
<td>&lt; 1</td>
<td>Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
<tr>
<td>Butyl Triglycolether</td>
<td>(CAS No) 143-22-6</td>
<td>&lt; 1</td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td>Ethylene Oxide</td>
<td>(CAS No) 75-21-8</td>
<td>&lt; 1</td>
<td>Flam. Gas 1, H220 Acute Tox. 3 (Inhalation:gas), H331 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H335</td>
</tr>
</tbody>
</table>

The exact percentage is a trade secret.

**SECTION 4: First aid measures**

4.1. **Description of first aid measures**

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. **Most important symptoms and effects, both acute and delayed**

Symptoms/injuries: If you feel unwell, seek medical advice.

Symptoms/injuries after inhalation: May cause an allergic skin reaction.

Symptoms/injuries after skin contact: May cause slight irritation . Itching. Red skin. Skin rash/inflammation.

Symptoms/injuries after eye contact: May cause slight eye irritation . Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.

Symptoms/injuries after ingestion: May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

4.3. **Indication of any immediate medical attention and special treatment needed**

No additional information available

**SECTION 5: Firefighting measures**

5.1. **Extinguishing media**


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. **Special hazards arising from the substance or mixture**

No additional information available

5.3. **Advice for firefighters**

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

6.1. **Personal precautions, protective equipment and emergency procedures**

General measures: Remove ignition sources.

6.1.1. **For non-emergency personnel**

Protective equipment: Safety glasses. Gloves.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. **For emergency responders**

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

05/04/2016 EN (English US)
6.3. Methods and material for containment and cleaning up

- For containment: Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

- Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust, fume, gas, mist, vapor spray.

- Hygiene measures: Remove contaminated clothes. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Separate working clothes from town clothes. Launder separately.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures: Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

- Storage conditions: Keep only in the original container in a cool, well ventilated place away from:


- Incompatible materials: Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

- Appropriate engineering controls: Local exhaust ventilation, vent hoods. Ensure good ventilation of the work station.

- Personal protective equipment: Avoid all unnecessary exposure. Gloves. Safety glasses.

- Hand protection: Wear protective gloves.

- Eye protection: Chemical goggles or safety glasses.

- Skin and body protection: Wear suitable protective clothing.

- Respiratory protection: Wear appropriate mask.

- Consumer exposure controls: Avoid contact during pregnancy/while nursing.

- Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state: Liquid

- Appearance: Cream.

- Color: Milky White.

- Odor: Mild Leather.

- Odor threshold: No data available

- pH: No data available

- Relative evaporation rate (butyl acetate=1): No data available

- Melting point: No data available

- Freezing point: No data available

- Boiling point: > 100 °C

- Flash point: No data available

- Auto-ignition temperature: No data available

- Decomposition temperature: No data available
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.99 - 1.005</td>
</tr>
<tr>
<td>Solubility</td>
<td>Moderately soluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>9.2. Other information</td>
<td></td>
</tr>
<tr>
<td>VOC content</td>
<td>&lt; 1 %</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

Ethylene Oxide (75-21-8)
- ATE CLP (gases): 700,000 ppmV/4h
- ATE CLP (vapors): 3,000 mg/l/4h
- ATE CLP (dust, mist): 0.500 mg/l/4h

Polydimethylsiloxane (63148-62-9)
- LD50 oral rat: > 15400 mg/kg body weight (Rat; Literature study)
- LD50 dermal rabbit: > 2000 mg/kg body weight (Rabbit; Literature study)

Butyl Triglycolether (143-22-6)
- LD50 oral rat: 5170 mg/kg body weight (Rat; according to BASF-internal standards; Experimental value)
- LD50 dermal rabbit: 3540 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)

Magnesium Nitrate (10377-60-3)
- LD50 oral rat: > 2000 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value)
- LD50 dermal rat: > 5000 mg/kg body weight (Rat; Read-across; OECD 402: Acute Dermal Toxicity)

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H -isothiazol-3-one (55965-84-9)
- LD50 oral rat: 53 mg/kg (Rat; Literature study)

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified. Based on available data, the classification criteria are not met
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
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Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation: May cause an allergic skin reaction.
Symptoms/injuries after skin contact: May cause slight irritation. Itching. Red skin. Skin rash/inflammation.
Symptoms/injuries after eye contact: May cause slight eye irritation. Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.
Symptoms/injuries after ingestion: May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

**Polydimethylsiloxane (63148-62-9)**
- LC50 fish 1: 350 mg/l (LC50; 96 h; Pleuronectes platessa)
- EC50 Daphnia 1: > 200 mg/l (LC50; 48 h; Daphnia magna)

**Butyl Triglycolether (143-22-6)**
- LC50 fish 1: 2200/2400, LC50; DIN 38412-15; 96 h; Leuciscus idus; Static system; Fresh water; Experimental value
- EC50 Daphnia 1: > 500 mg/l (EC50; EU Method C.2; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
- Threshold limit algae 1: 62.5 mg/l (NOEC; DIN 38412-9; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Experimental value)

**Magnesium Nitrate (10377-60-3)**
- LC50 fish 1: 1378 mg/l (LC50; Equivalent or similar to OECD 203; 96 h; Poecilia reticulata; Static system; Fresh water; Read-across)
- EC50 Daphnia 1: 490 mg/l (EC50; 48 h; Daphnia magna)
- Threshold limit algae 1: > 1700 mg/l (EC50; 10 days; Nitzschia closterium)

**Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H -isothiazol-3-one (55965-84-9)**
- LC50 fish 1: 0.28 mg/l (LC50; 96 h; Lepomis macrochirus)
- EC50 Daphnia 1: 0.16 mg/l (EC50; 48 h; Daphnia magna)
- Threshold limit algae 1: 0.018 mg/l (EC50; 72 h; Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

**TOTAL INTERIOR DETAILER 16 FL.OZ.**
Persistence and degradability: Not established.

**Ethylene Oxide (75-21-8)**
Persistence and degradability: Not established.

**Water (7732-18-5)**
Persistence and degradability: Not established.

**Polydimethylsiloxane (63148-62-9)**

**Butyl Triglycolether (143-22-6)**

**Magnesium Nitrate (10377-60-3)**
Persistence and degradability: Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD): Not applicable
Chemical oxygen demand (COD): Not applicable
ThOD: Not applicable

**Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H -isothiazol-3-one (55965-84-9)**
Persistence and degradability: No (test)data on mobility of the components available. Not established.

12.3. Bioaccumulative potential

**TOTAL INTERIOR DETAILER 16 FL.OZ.**
Bioaccumulative potential: Not established.

**Ethylene Oxide (75-21-8)**
Bioaccumulative potential: Not established.
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<table>
<thead>
<tr>
<th>Water (7732-18-5)</th>
<th>Bioaccumulative potential</th>
<th>Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polydimethylsiloxane (63148-62-9)</td>
<td>Bioaccumulative potential</td>
<td>Not bioaccumulative.</td>
</tr>
<tr>
<td>Butyl Triglycolether (143-22-6)</td>
<td>Log Pow</td>
<td>0.51 (20 °C)</td>
</tr>
<tr>
<td></td>
<td>Bioaccumulative potential</td>
<td>Low potential for bioaccumulation (Log Kow &lt; 4). Not established.</td>
</tr>
<tr>
<td>Magnesium Nitrate (10377-60-3)</td>
<td>Log Pow</td>
<td>-0.61 (Estimated value)</td>
</tr>
<tr>
<td></td>
<td>Bioaccumulative potential</td>
<td>Bioaccumulation: not applicable. Not established.</td>
</tr>
<tr>
<td>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (55965-84-9)</td>
<td>Bioaccumulative potential</td>
<td>No test data of component(s) available. Not established.</td>
</tr>
</tbody>
</table>

#### 12.4. Mobility in soil

| Butyl Triglycolether (143-22-6) | Surface tension | 0.0614 N/m (°C) |

#### 12.5. Other adverse effects

Other information: Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecology - waste materials: Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

- US DOT (ground): Not Regulated
- ICAO/IATA (air): Not Regulated
- IMO/IMDG (water): Not Regulated

**14.2. UN proper shipping name**

Proper Shipping Name (DOT): Not Regulated

**14.3. Additional information**

Other information: No supplementary information available.

- Overland transport: No additional information available
- Transport by sea: No additional information available
- Air transport: No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

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SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

#### 15.2. International regulations

**CANADA**

No additional information available

**EU-Regulations**

No additional information available
### Classification according to Regulation (EC) No. 1272/2008 [CLP]

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>10377-60-3</td>
<td>Magnesium Nitrate (10377-60-3)</td>
<td>Non-significant risk level (NSRL)</td>
</tr>
<tr>
<td>143-22-6</td>
<td>Butyl Triglycolether (143-22-6)</td>
<td>Non-significant risk level (NSRL)</td>
</tr>
<tr>
<td>63148-62-9</td>
<td>Polydimethylsiloxane (63148-62-9)</td>
<td>Non-significant risk level (NSRL)</td>
</tr>
<tr>
<td>55965-84-9</td>
<td>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H -isothiazol-3-one (55965-84-9)</td>
<td>Non-significant risk level (NSRL)</td>
</tr>
</tbody>
</table>

### Ethylene Oxide (75-21-8)

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>Water (7732-18-5)</td>
<td>Non-significant risk level (NSRL)</td>
</tr>
</tbody>
</table>

### Other information

**Section 16: Other information**

Indication of changes: Revision - See "*".
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Other information : None.
Full text of H-phrases:

<table>
<thead>
<tr>
<th>H220</th>
<th>Extremely flammable gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H340</td>
<td>May cause genetic defects</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard : 1 - Must be preheated before ignition can occur.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating
Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 1 Slight Hazard
Physical : 0 Minimal Hazard
Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product.

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