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

<table>
<thead>
<tr>
<th>1.1 Product identifier</th>
<th>MOTOR DEGREASER 1 GAL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 Relevant identified uses of the substance or mixture and uses advised against</td>
<td>Automotive detailing</td>
</tr>
<tr>
<td>1.3 Details of the supplier of the safety data sheet</td>
<td>ITW Evercoat</td>
</tr>
<tr>
<td></td>
<td>a division of Illinois Tool Works Inc.</td>
</tr>
<tr>
<td></td>
<td>1275 Round Table Drive</td>
</tr>
<tr>
<td></td>
<td>Dallas, TX 75247</td>
</tr>
<tr>
<td>1.4 Emergency telephone number</td>
<td>CHEM TEL: +1-813-248-0591</td>
</tr>
</tbody>
</table>

### SECTION 2 Hazards identification

#### 2.1 Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Classified in accordance to (EC) No. 1272/2008</th>
<th>Skin Corrosion/Irritation Category 1B</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Serious Eye Damage/Eye Irritation Category 1</td>
</tr>
</tbody>
</table>

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

- **Hazard pictograms**

- **Signal Word**: Danger

- **Hazard Statements**: H314 - Causes severe skin burns and eye damage.

- **Precautionary Statements**:
  - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
For full text of H-statements; See Section 16

SECTION 4 First aid measures

4.1 Description of first aid measures

**Inhalation**
Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately No data available

**Eye Contact**
Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician. Flush eye with water for 20 minutes. Get medical attention.
Skin Contact
Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. Seek medical advice if symptoms persist.

Ingestion
Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately and give the medical care provider with this MSDS. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Self protection of the first aider
No data available

4.2 Most important symptoms and effects, both acute and delayed
Symptom
See Section 4.1

4.3 Indication of any immediate medical attention and special treatment needed
Note to Doctor
No additional first aid information available

SECTION 5 Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. Water spray Alcohol foam Dry chemical Carbon dioxide

Unsuitable extinguishing media
No data available

5.2 Special hazards arising from the substance or mixture
Fire and/or Explosion Hazards
Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.

Hazardous Combustion Products
Carbon monoxide, Carbon dioxide

5.3 Advice for firefighters
Fire Fighting Methods and Protection
Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For Non-emergency Personnel
Non-emergency personnel should be kept clear of the area.

For emergency responders
Exposure to the spilled material may be severely irritating or
toxic. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

6.2 Environmental precautions
No data available

6.3 Methods and material for containment and cleaning up
No special spill clean-up considerations. Collect and discard in regular trash. LARGE SPILLS: Shut off leak if safe to do so. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

6.4 Reference to other sections
Refer to section 13 for disposal information.

SECTION 7 Handling and storage

7.1 Precautions for safe handling
Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. No special handling requirements

7.2 Conditions for safe storage, including any incompatibilities
Store in a cool dry place. Isolate from incompatible materials. Keep from freezing.

7.3 Specific end use(s)
Automotive detailing

SECTION 8 Exposure controls/personal protection

Occupational Exposure limit values

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH STEL</th>
<th>IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>20 ppm</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Appropriate engineering controls
Local exhaust ventilation, process enclosures, or other engineering controls are necessary when handling or using this product to avoid overexposure.

Individual protection measures, such as personal protective equipment

Eye and face protection
Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available. Wear goggles and a Face shield

Skin Protection

Hand protection
No information available

Other skin protection
Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash
hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Respiratory Protection
Respiratory protection must be used when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. A supplied air type respirator may be required. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. A supplied air type respiratory will be required.

Thermal hazards
No data available

Environmental exposure controls
No data available

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Red</td>
</tr>
<tr>
<td>Odour</td>
<td>Lemon</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>&gt; 11.5</td>
</tr>
<tr>
<td>Initial boiling point and boiling range (°C)</td>
<td>100</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>66</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper Flammable/Explosive Limit, % in air</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower Flammable/Explosive Limit, % in air</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.05</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Complete; 100%</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</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>
</tbody>
</table>

9.2 Other information
No data available
SECTION 10 Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents; Strong acids

10.6 Hazardous decomposition products
Carbon dioxide Carbon monoxide

SECTION 11 Toxicological information

11.1 Information on toxicological effects

**Acute Toxicity**
Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

<table>
<thead>
<tr>
<th>pH</th>
<th>&gt; 11.5</th>
</tr>
</thead>
</table>

Classification is based on pH and the components listed in Section 3.

**Serious eye damage/irritation**

<table>
<thead>
<tr>
<th>pH</th>
<th>&gt; 11.5</th>
</tr>
</thead>
</table>

Classification is based on pH and the components listed in Section 3.

**Respiratory or skin sensitization**
Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**
Based on available data, the classification criteria are not met.

**Carcinogenicity**
Based on available data, the classification criteria are not met.

**Reproductive toxicity**
Based on available data, the classification criteria are not met.

**STOT-single exposure**
Based on available data, the classification criteria are not met.

**STOT-repeated exposure**
Based on available data, the classification criteria are not met.

**Aspiration hazard**
Based on available data, the classification criteria are not met.
SECTION 12 Ecological information

12.1 Toxicity
No data available

Ecotoxicity Data

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Aquatic EC50 Crustacea</th>
<th>Aquatic ERC50 Algae</th>
<th>Aquatic LC50 Fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data. All ingredients are considered biodegradable.

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other adverse effects
No data available

12.7 Additional information
No data available

SECTION 13 Disposal considerations

13.1 Waste treatment methods
Waste Description for Spent Product
Spent or discarded material may be a hazardous waste.

Disposal Methods
Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Waste Disposal Code(s)
(Water Framework Directive) W070699

SECTION 14 Transport information

Ground:
14.1 UN number: UN1719
14.2 UN proper shipping name: Caustic Alkali Liquid N.O.S (Sodium Hydroxide, Disodium trioxosilicate)
14.3 Transport hazard class(es): 8
14.4 Packing group: III
Exemptions: Limited Quantity

Air:
14.1 UN number: UN1719
14.2 UN proper shipping name: Caustic Alkali Liquid N.O.S (Sodium Hydroxide, Disodium trioxosilicate)
14.3 Transport hazard class(es): 8
14.4 Packing group: III

Water:
14.1 UN number: UN1719
14.2 UN proper shipping name: Caustic Alkali Liquid N.O.S (Sodium Hydroxide, Disodium trioxosilicate)
14.3 Transport hazard class(es): 8
14.4 Packing group: III
Exemptions: Limited Quantity
14.5 Environmental hazards: No
14.6 Special precautions for user: No data available
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: No data available

SECTION 15 Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EINECS</th>
<th>SVHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Tetrasodium Ethylenediamine</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Tetraacetate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

15.2 Chemical safety assessment No data available

SECTION 16 Other information

SDS Abbreviations: No data available
References: No data available
Hazard phrase(s) referenced in section 3
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H336 - May cause drowsiness or dizziness.
Precautionary Statements

Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center/doctor/....
P321 - Specific treatment (see on this label).
P363 - Wash contaminated clothing before reuse.
P370+P378 - In case of fire: Use for extinction.

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.