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

1.1 Product identifier
5-55
MOTOR DEGREASER 55 GAL.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Automotive detailing

1.3 Details of the supplier of the safety data sheet
ITW Evercoat
a division of Illinois Tool Works Inc.
1275 Round Table Drive
Dallas, TX 75247

1.4 Emergency telephone number
CHEM TEL: +1-813-248-0591

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture
Skin Corrosion/Irritation Category 1B
Serious Eye Damage/Eye Irritation Category 1

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.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.

Supplemental Hazard information (EU)  
No data available

2.3 Other hazards  
No data available

SECTION 3 Composition/information on ingredients

3.1. Substances  
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>%</th>
<th>CAS #</th>
<th>(EC) No 1272/2008</th>
<th>M Factor</th>
<th>SCL</th>
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<tbody>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>3 - 7</td>
<td>111-76-2</td>
<td>Acute Tox. 4; H312</td>
<td>No data available</td>
<td>No data available</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
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<td>Acute Tox. 4; H332</td>
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<td></td>
<td></td>
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<td>Acute Tox. 4; H332</td>
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<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
<td></td>
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<tr>
<td>Sodium metasilicate</td>
<td>1 - 5</td>
<td>6834-92-0</td>
<td>Acute Tox. 4; H302</td>
<td>No data available</td>
<td>No data available</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B; H314</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3; H335, H336</td>
<td></td>
<td></td>
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<tr>
<td>Monoethanolamine</td>
<td>0.5 - 1.5</td>
<td>141-43-5</td>
<td>Acute Tox. 4; H312</td>
<td>No data available</td>
<td>STOT SE 3- H335: 5%</td>
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<tr>
<td></td>
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<td></td>
<td>Acute Tox. 4; H332</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
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<td>Acute Tox. 4; H332</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tetrasodium Ethylenediamine Tetraacetate</td>
<td>0.5 - 1.5</td>
<td>64-02-8</td>
<td>Acute Tox. 4; H302</td>
<td>No data available</td>
<td>No data available</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1; H318</td>
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</tr>
</tbody>
</table>

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. No data available
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. Wash with soap and water. Get medical attention if irritation develops or persists.

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. No data available

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, or dry chemical 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 surface of the fire. Do Not direct a stream of water into the hot burning liquid.

Unsuitable extinguishing media  No data available

5.2 Special hazards arising from the substance or mixture

Fire and/or Explosion Hazards  Material will not ignite or burn.

Hazardous Combustion Products  Carbon dioxide, Carbon monoxide

5.3 Advice for firefighters

Fire Fighting Methods and Protection  Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

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. Ensure clean-up measures are in compliance with OSHA (29 CFR 1910.120).

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
No special requirements No special storage requirements

7.3 Specific end use(s)
Automotive detailing

SECTION 8 Exposure controls/personal protection

8.1 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 respirator 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>
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<tbody>
<tr>
<td>Appearance</td>
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<tr>
<td>Colour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range (°C)</td>
<td>100</td>
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<tr>
<td>Flash Point (°C)</td>
<td>No data available</td>
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<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
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<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
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</tr>
<tr>
<td>Upper Flammable/Explosive Limit, % in air</td>
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<tr>
<td>Lower Flammable/Explosive Limit, % in air</td>
<td>No data available</td>
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<tr>
<td>Vapour Pressure</td>
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<td>Vapour Density</td>
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<tr>
<td>Relative Density</td>
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<tr>
<td>Solubility(ies)</td>
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<tr>
<td>Partition coefficient: n-octanol/water</td>
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<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
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<tr>
<td>Viscosity</td>
<td>No data available</td>
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<tr>
<td>Explosive properties</td>
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</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
No data available
10.4 Conditions to avoid: None known.

10.5 Incompatible materials: Strong oxidizing agents; Strong acids

10.6 Hazardous decomposition products: None Known

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>No data available</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>No data available</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

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
Spent or discarded material is non-hazardous according to environmental regulations.

Disposal Methods
Dispose of in a landfill. Disposal is not likely to be regulated.

Waste Disposal Code(s) (European Waste Catalogue)
W070699

SECTION 14 Transport information

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

Air:
14.1 UN number: UN1719
14.2 UN proper shipping name: Caustic Alkali Liquid N.O.S (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 (Disodium trioxosilicate)
14.3 Transport hazard class(es): 8
14.4 Packing group: III
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>Tetrosodium Ethylenediamine Tetraacetate</td>
<td>Y</td>
<td>N</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
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.

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**Storage**

P405 - Store locked up.

**Disposal**

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

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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.