1 Identification

· Product identifier
  · Trade name: Liquid Filled Dial Gauge
  · Product code: 20289, 20333
  · Recommended use and restriction on use
    · Recommended use: Liquid Filled Tire Gauge
    · Restrictions on use: No relevant information available.

Details of the supplier of the Safety Data Sheet
  · Manufacturer/Supplier: ITW Global Tire Repair, Inc.
    125 Venture Drive, Suite 210, San Luis Obispo, CA 93401
    Tel (805) 489-0490
  · Emergency telephone number: ChemTel Inc.
    (800)255-3924 (North America)
    +1 (813)248-0585 (International)

2 Hazard(s) identification

· Classification of the substance or mixture
  The product is not classified as hazardous according to the Globally Harmonized System (GHS).

· Label elements
  The product is not classified as hazardous according to OSHA GHS regulations within the United States.
  · GHS label elements
    This product does not have a classification according to the GHS regulation.
  · Hazard pictograms: None.
  · Signal word: None
  · Hazard statements: None
  · Precautionary statements: Not regulated.

· Other hazards
  There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Components:
  56-81-5 | Glycerol | 40-60%

· Additional information:
  For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
  For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

· Description of first aid measures
  · General information:
    This is a sealed unit that will not result in exposure to the contents under normal and reasonable conditions of use.
    In the unlikely event of exposure to contents, appropriate first aid should be
    (Cont'd. on page 2)
5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents: Use fire fighting measures that suit the environment.
  - For safety reasons unsuitable extinguishing agents: No relevant information available.
  - Special hazards arising from the substance or mixture: No relevant information available.
- Advice for firefighters
- Protective equipment:
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  - Particular danger of slipping on leaked/spilled product.
  - Environmental precautions: No special measures required.
- Methods and material for containment and cleaning up
  - Dispose of the collected material according to regulations.
- Reference to other sections
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

7 Handling and storage

- Handling
  - Precautions for safe handling: No special measures required.
  - Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
  - Requirements to be met by storerooms and receptacles: No special requirements.
  - Information about storage in one common storage facility: No relevant information available.
- Specific end use(s) No relevant information available.
Trade name: Liquid Filled Dial Gauge

8 Exposure controls/personal protection

· Control parameters

· Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5 Glycerol</td>
<td>Long-term value: 15* 5** mg/m³ mist; *total dust **respirable fraction</td>
</tr>
<tr>
<td></td>
<td>TLV (USA) TLV withdrawn-insufficient data human occup. exp.</td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Long-term value: 10* 3** mg/m³ mist; **mist, respirable</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 10 mg/m³</td>
</tr>
<tr>
<td>LMPE (Mexico)</td>
<td>Long-term value: 10 mg/m³</td>
</tr>
</tbody>
</table>

· Exposure controls

· General protective and hygienic measures: No relevant information available.
· Engineering controls: No relevant information available.
· Breathing equipment: Not required under normal conditions of use.
· Protection of hands: Not required.
· Eye protection: Safety glasses

· Body protection: Not required under normal conditions of use.
· Limitation and supervision of exposure into the environment No special requirements.
· Risk management measures No special requirements.

9 Physical and chemical properties

· 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 sealed in solid container.</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>
| Flash point                      | The product is not flammable. 
                                | Not applicable.              |
| Flammability (solid, gaseous)    | Not applicable.              |
| Auto-ignition temperature        | Not determined.              |
| Decomposition temperature        | Not determined.              |

(Cont'd. on page 4)
Trade name: Liquid Filled Dial Gauge

(Cont’d. of page 3)

- Danger of explosion: Product does not present an explosion hazard.

- Explosion limits
  - Lower: Not determined.
  - Upper: Not determined.

- Oxidizing properties: Not determined.

- Vapor pressure: Not determined.

- Density
  - Relative density: Not determined.
  - Vapor density: Not determined.
  - Evaporation rate: Not determined.

- Solubility in / Miscibility with
  - Water: Fully miscible.

- Partition coefficient (n-octanol/water): Not determined.

- Viscosity
  - Dynamic: Not determined.
  - Kinematic: Not determined.

- Other information
  - No relevant information available.

10 Stability and reactivity

- Reactivity: No relevant information available.
- Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No relevant information available.
- Incompatible materials: No relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
  - LD/LC50 values that are relevant for classification: None.
  - Primary irritant effect:
    - On the skin: Based on available data, the classification criteria are not met.
    - On the eye: Based on available data, the classification criteria are not met.
  - Sensitization: Based on available data, the classification criteria are not met.

- IARC (International Agency for Research on Cancer):
  - None of the ingredients are listed.

- NTP (National Toxicology Program):

(Cont’d. on page 5)
Trade name: Liquid Filled Dial Gauge

None of the ingredients are listed.

- OSHA-Ca (Occupational Safety & Health Administration):
  None of the ingredients are listed.
  - Probable route(s) of exposure: None
  - Acute effects (acute toxicity, irritation and corrosivity): No relevant information available.
  - Repeated dose toxicity: No relevant information available.
  - 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.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No relevant information available.
- Persistence and degradability: No relevant information available.
- Bioaccumulative potential: No relevant information available.
- Mobility in soil: No relevant information available.
- Additional ecological information
  - General notes:
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects: No relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packagings
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- UN-Number
  - DOT, ADR, IMDG, IATA: Not regulated.
- UN proper shipping name
  - DOT, ADR, IMDG, IATA: Not regulated.
### Trade name: Liquid Filled Dial Gauge

<table>
<thead>
<tr>
<th><strong>Transport hazard class(es)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT, ADR, IMDG, IATA</td>
<td>Class</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>DOT, ADR, IMDG, IATA</td>
</tr>
<tr>
<td><strong>Environmental hazards</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</strong></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **United States (USA)**
    - **SARA**
      - **Section 302 (extremely hazardous substances):**
        - None of the ingredients are listed.
      - **Section 355 (extremely hazardous substances):**
        - None of the ingredients are listed.
      - **Section 313 (Specific toxic chemical listings):**
        - None of the ingredients are listed.
  - **TSCA (Toxic Substances Control Act)**
    - All ingredients are listed.
  - **Proposition 65 (California)**
    - **Chemicals known to cause cancer:**
      - None of the ingredients are listed.
    - **Chemicals known to cause developmental toxicity for females:**
      - None of the ingredients are listed.
    - **Chemicals known to cause developmental toxicity for males:**
      - None of the ingredients are listed.
    - **Chemicals known to cause developmental toxicity:**
      - None of the ingredients are listed.
  - **EPA (Environmental Protection Agency):**
    - None of the ingredients are listed.
  - **IARC (International Agency for Research on Cancer):**
    - None of the ingredients are listed.
  - **Canadian Domestic Substances List (DSL) (Substances not listed.):**

(Cont'd. on page 7)
16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Abbreviations and acronyms:
  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bio-accumulable, Toxic
  vPvB: very Persistent and very Bioaccumulative
  OSHA: Occupational Safety & Health Administration

- Sources
  Website, European Chemicals Agency (echa.europa.eu)
  Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
  Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
  Safety Data Sheets, Individual Manufacturers

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