1 Identification

· Product identifier
  · Trade name: Cargille MeltMount Code 53
  · Product code: 24040, 24140
  · CAS Number: Trade Secret

· Recommended use and restriction on use
  · Recommended use:

  This SDS or an accurate copy is an integral part of using Meltmount Code 53. Only use Meltmount Code 53 if the SDS is present. Conditions prevailing in this document, unless otherwise noted: Temperature = 23°C (73°F), Pressure = 1013.25 hPa (760 mm Hg)

  For Professional and R&D use only. Conditions of Intended Use: (ABBR. C.I.U.) As a mounting medium at normal room pressure 101.32 kPa (760 mm Hg), temperature 4°C to 70°C (39°F to 158°F) in a non-misted/non airborne state in a hood* having 80-100 FPM rating, in a trained and supervised laboratory/industrial setting using standard Good Laboratory/Good Manufacturing procedures.*A hood is only required when heated in an open container above 105°F, otherwise use at a temperature of 39°C to 104°F in a room having normal air changes at a rate of 2 per hour.

  Note: Product normally sold in 2/3 oz sticks and 1 oz (30cc) jars.

· Restrictions on use: Contact manufacturer/supplier

· Details of the supplier of the Safety Data Sheet
  · Manufacturer/Supplier:
    Cargille Laboratories
    55 Commerce Road
    Cedar Grove, NJ 07009-1289 USA
    973-239-6633
    www.cargille.com
  · Emergency telephone number:
    ChemTel Inc.
    (800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

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

· Label elements
  · GHS label elements Not regulated.
  · Hazard pictograms: Not regulated.
  · Signal word: Not regulated.
  · Hazard statements: Not regulated.
  · Precautionary statements: Not regulated.

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

(Cont'd. on page 2)
3 Composition/information on ingredients

- Chemical characterization: Substances
- CAS No. Description
  Trade Secret

4 First-aid measures

- Description of first aid measures
  - After inhalation:
    Unlikely route of exposure.
    Supply fresh air; consult doctor in case of complaints.
  - After skin contact:
    Do not pull solidified product away from the skin.
    Wash with soap and water.
    If skin irritation is experienced, consult a doctor.
    After contact with the molten product, cool rapidly with cold water.
    Seek medical treatment.
  - After eye contact:
    Remove contact lenses if worn.
    Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing:
    Rinse out mouth and then drink plenty of water.
    Do not induce vomiting; immediately call for medical help.
  - Most important symptoms and effects, both acute and delayed:
    Gastric or intestinal disorders when ingested.
    Thermal burns.
  - Indication of any immediate medical attention and special treatment needed:
    If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    Gaseous extinguishing agents
    Carbon dioxide
    Foam
    Fire-extinguishing powder
    Dry sand.
  - For safety reasons unsuitable extinguishing agents: Water
  - Special hazards arising from the substance or mixture
    Formation of toxic gases is possible during heating or in case of fire.
  - Advice for firefighters
  - Protective equipment:
    Wear self-contained respiratory protective device.
6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Ensure adequate ventilation.
- Environmental precautions
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Methods and material for containment and cleaning up
  Allow to solidify. Pick up mechanically.
  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: Open and handle receptacle with care.
  Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
  Storage
  Requirements to be met by storerooms and receptacles: Store in a cool location.
  Information about storage in one common storage facility:
  Store away from oxidizing agents.
  Do not store together with alkalis (caustic solutions).
  Further information about storage conditions:
  Storage Temperatures: 39 - 158 °F / 4 - 70 °C.
  Keep containers tightly sealed.
- Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

- Control parameters
  Components with limit values that require monitoring at the workplace:
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Exposure controls
  Personal protective equipment:
  General protective and hygienic measures:
  The usual precautionary measures for handling chemicals should be followed.
  Keep away from foodstuffs, beverages and feed.

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- **Engineering controls:** No relevant information available.  
  - **Breathing equipment:** Not required under normal conditions of use.  
  - **Protection of hands:** Thermally-protective gloves.

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
- **Eye protection:** Safety glasses

  Follow relevant national guidelines concerning the use of protective eyewear.  
- **Body protection:** Thermal protection must be provided when substance/product is heated.  
- **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

- **Appearance:**  
  - **Form:** Soft solid.  
  - **Color:** Light yellow  
  - **Odor:** Slight  
  - **Odor threshold:** Characteristic  
- **pH-value:** Not determined.  
- **Melting point/Melting range:** 65 °C (149 °F)  
- **Boiling point/Boiling range:** Not determined.  
- **Flash point:** >149 °C (>300 °F)  
- **Flammability (solid, gaseous):** Not applicable.  
- **Auto-ignition temperature:** Not determined.  
- **Decomposition temperature:** Not determined.  
- **Danger of explosion:** Product does not present an explosion hazard.  
- **Explosion limits**  
  - **Lower:** Not determined.  
  - **Upper:** Not determined.  
- **Oxidizing properties:** Non-oxidizing.  
- **Vapor pressure:** Not determined.  
- **Density:**  
  - **Relative density:** 1.05 (Water = 1)

(Cont'd. on page 5)
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<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt;1 (mineral oil = 1)</td>
</tr>
<tr>
<td>Solubility in / Miscibility with Water</td>
<td>Negligible</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Other information</td>
<td>No relevant information available.</td>
</tr>
</tbody>
</table>

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**
  Reacts with strong oxidizing agents.
  Reacts with strong alkali.
  Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products**
  Under fire conditions only:
  Carbon monoxide and carbon dioxide

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:** No sensitizing effects known.
- **IARC (International Agency for Research on Cancer):**
  Substance is not listed.
- **NTP (National Toxicology Program):**
  Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration):**
  Substance is not listed.

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- Probable route(s) of exposure:
  Ingestion.
  Inhalation.
  Eye contact.
  Skin contact.

- Acute effects (acute toxicity, irritation and corrosivity): From product as supplied: None.
- Repeated dose toxicity: From product as supplied: None.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  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.
- Ecotoxicological effects:
  Remark: Due to mechanical actions of the product (e.g. agglutinations), damages may occur.
- Additional ecological information
- General notes: Avoid release to the environment.
- 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:
  The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- Uncleaned packagings
  Recommendation: Disposal must be made according to official regulations.
14 Transport information

- UN-Number
  - DOT, ADR, IMDG, IATA: Not regulated.
- UN proper shipping name
  - DOT, ADR, IMDG, IATA: Not regulated.
- Transport hazard class(es)
  - DOT, ADR, IMDG, IATA: Not regulated.
  - Class: Not regulated.
- Packing group
  - DOT, ADR, IMDG, IATA: Not regulated.
- Environmental hazards
  - Marine pollutant: No
- Special precautions for user
  - Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
  - Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - United States (USA)
  - SARA
    - Section 302 (extremely hazardous substances):
      - Substance is not listed.
    - Section 355 (extremely hazardous substances):
      - Substance is not listed.
    - Section 313 (Specific toxic chemical listings):
      - Substance is not listed.
    - TSCA (Toxic Substances Control Act)
      - Substance is listed.
    - Proposition 65 (California)
      - Chemicals known to cause cancer:
        - Substance is not listed.
      - Chemicals known to cause reproductive toxicity for females:
        - Substance is not listed.
      - Chemicals known to cause reproductive toxicity for males:
        - Substance is not listed.
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- Chemicals known to cause developmental toxicity: (Cont’d. of page 7)
  Substance is not listed.

- Carcinogenic categories

  - EPA (Environmental Protection Agency):
    Substance is not listed.

  - IARC (International Agency for Research on Cancer):
    Substance is not listed.

  - NIOSH-Ca (National Institute for Occupational Safety and Health):
    Substance is not listed.

  - Canadian Domestic Substances List (DSL):
    Substance is listed.

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. The information supplied is based on data available to us and is believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to this information presented and Cargille Laboratories assumes no responsibility for the result of the use of this product. This information is furnished upon the condition that the persons responsible for its use shall make their own determination of the suitability of the material for their particular purpose. Please note that we consider the English version to be the authoritative version for compliance and regulatory purposes.

- Date of preparation / last revision 01/06/2017 /

- 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, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety & Health
  LDLo: Lowest Lethal Dose Observed

- 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)

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Trade name: Cargille MeltMount Code 53

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