1. IDENTIFICATION

Product name: Bis(1,2,2,6,6-pentamethyl-4-piperidyl) Sebacate
Product code: B3924
Product use: For laboratory research purposes.
Restrictions on use: Not for drug or household use.

Company:
TCI America
9211 N. Harborgate Street
Portland, OR 97203 U.S.A.
Telephone: +1-800-423-8616 / +1-503-283-1681
Fax: +1-888-520-1075 / +1-503-283-1987
e-mail: sales-US@TCIchemicals.com
  www.TCIchemicals.com

Emergency telephone number:
Chemical Emergencies: TCI America (8:00am - 5:00pm) PST
  +1-503-286-7624
Transportation Emergencies: Chemtrec 24-Hour
  +1-800-424-9300 (U.S.A.)
  +1-703-527-3887 (International)
Responsible department:
TCI America
Environmental Health Safety and Security
+1- 503-286-7624

2. HAZARD(S) IDENTIFICATION

OSHA Haz Com: CFR 1910.1200:
  Skin Corrosion/Irritation [Category 2]
WHMIS 2015:
  Sensitization - Skin [Category 1]
Signal word: Warning!
Hazard Statement(s):
  Causes skin irritation
  May cause an allergic skin reaction

Pictogram(s) or Symbol(s):

Precautionary Statement(s):
  [Prevention]
  Avoid breathing mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wash hands and face thoroughly after handling. Wear protective gloves.
  [Response]
  If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse.
  [Disposal]
  Dispose of contents and container in accordance with local, regional, national regulations (e.g. US: 40 CFR Part 261, EU:91/156/EEC, JP: Waste Disposal and Cleaning Act, etc.).

Hazard not otherwise classified:
[HNOC]

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture:
  Substance
Components:
  Bis(1,2,2,6,6-pentamethyl-4-piperidyl) Sebacate
Percent:
  >95.0%(GC)
CAS RN:
  41556-26-7
Molecular Weight:
  508.79
Chemical Formula:
  C_{30}H_{56}N_{2}O_{4}
Synonyms:
  Decanedioic Acid Bis(1,2,2,6,6-pentamethyl-4-piperidyl) Ester , Sebacic Acid Bis(1,2,2,6,6-pentamethyl-4-piperidyl) Ester
4. FIRST-AID MEASURES

Description of first aid measures

**Inhalation:**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin contact:**
Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact:**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:**
Get medical advice/attention if you feel unwell. Rinse mouth.

**Symptoms/effects:**

- **Acute:** Redness.
- **Delayed:** No data available

**Indication of any immediate medical attention:**
Not available.

**Notes to physician:**
No data available

5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**
Dry chemical, foam, water spray, carbon dioxide.

**Specific hazards arising from the chemical:**
Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

**Hazardous combustion products:**
These products include: Carbon oxides Nitrogen oxides

**Other specific hazards:**
Closed containers may explode from heat of a fire.

**Advice for firefighters:**
Wear self-contained breathing apparatus if possible.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**
Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions:**
Prevent product from entering drains.

**Methods and materials for containment and cleaning up:**
Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust). In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

**Precautions for safe handling:**
Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapour or mist. Wash hands and face thoroughly after handling. Use a ventilation, local exhaust if vapour or aerosol will be generated. Avoid contact with skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities**

- **Storage conditions:**
  Keep container tightly closed. Store in a cool and dark place.
  Store away from incompatible materials such as oxidizing agents.

- **Packaging material:**
  Comply with laws.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Appropriate engineering controls:**
Follow safe industrial engineering/laboratory practices when handling any chemical. Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

**Personal protective equipment**

- **Respiratory protection:**
  Vapor respirator. Follow local and national regulations.

- **Hand protection:**
  Protective gloves.

- **Eye protection:**
  Safety glasses. A face-shield, if the situation requires.

- **Skin and body protection:**
  Protective clothing, Protective boots, if the situation requires.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Liquid
Form: Clear
Colour: Very pale yellow - Pale yellow
Odour: No data available
Odour threshold: No data available
Odour threshold: No data available

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<th>Property</th>
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<tr>
<td>Boiling point/range</td>
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<tr>
<td>Decomposition temperature</td>
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<tr>
<td>Relative density</td>
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<tr>
<td>Kinematic viscosity</td>
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<td>Log Pow</td>
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</tr>
<tr>
<td>pH</td>
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<tr>
<td>Vapour pressure</td>
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<tr>
<td>Vapour density</td>
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<tr>
<td>Dynamic Viscosity</td>
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</tr>
<tr>
<td>Evaporation rate(Butyl Acetate=1)</td>
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</table>

10. STABILITY AND REACTIVITY

Reactivity: No data available
Chemical stability: Stable under proper conditions.
Possibility of hazardous reactions: No special reactivity has been reported.
Incompatible materials: Oxidizing agents
Hazardous decomposition products: Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/irritation: No data available
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity: No data available

<table>
<thead>
<tr>
<th>Agency</th>
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<tr>
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<tr>
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<tr>
<td>OSHA</td>
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</table>

Reproductive toxicity: No data available

Target organ(s): No data available
12. ECOLOGICAL INFORMATION

Ecotoxicity:
鱼：无数据
甲壳类：无数据
藻类：无数据

持久性/降解性：无数据
生物积累性（BCF）：无数据

水溶性：无数据
土壤吸附（Koc）：无数据
亨利定律（PaM/mol）：无数据

13. DISPOSAL CONSIDERATIONS

处置产品：回收利用，如有可能。生成者的责任是遵守联邦、州和当地的规则和规定。您可以将材料溶解或与可燃溶剂混合后在配备燃烧器和洗涤塔的化学焚烧炉中燃烧。本节旨在提供协助，但不取代这些法律，也不保证遵守本节就能确保符合法律。

处置容器：以未使用的产品处理。不要重新使用空容器。
其它考虑：遵守所有联邦、州和当地的法规，处理物质。

14. TRANSPORT INFORMATION

DOT (US)：非危险品
IATA：非危险品
IMDG：非危险品

15. REGULATORY INFORMATION

有毒物质控制法（TSCA 8b.）：
此产品在EPA有毒物质控制法（TSCA）列表上。

美国联邦法规
《综合环保法》危害物质和报告量：
SARA 313：未列出
SARA 302：未列出

州法规
州知情权
马萨诸塞州：未列出
新泽西州：未列出
宾夕法尼亚州：未列出
加利福尼亚州第65号提案：未列出

其它信息
NFPA等级：
健康：0
可燃性：0
稳定性：0

HMIS分类：
健康：0
可燃性：0
物理：0

国际库存
加拿大：DSL
EC-Nr：255-437-1
16. OTHER INFORMATION

Revision date: 07/06/2018
Revision number: 1

TCI chemicals are for research purposes only and are NOT intended for use as drugs, food additives, households, or pesticides. The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.