1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name: DMABA Kit Contains 1mg each of (D0, D4, D6, and D10)-4(dimethylamino)-benzoic acid N-hydroxysuccinimide ester

Product Number: 640020P
Brand: AVANTI

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

Identified uses: Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company: Avanti Polar Lipids, INC
700 Industrial Park Drive
Alabaster, Al 35007
United States of America

Telephone: (205) 663-2494
Fax: (205) 663-0756

1.4 Emergency telephone number

Emergency Phone #: +1 703-741-5970 / 1800-424-9300(CHEMTREC)

This is a summary MSDS for a kit, for the full MSDS for each of the components listed in section 16 please visit our website.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Refer to component MSDS

4. FIRST AID MEASURES

Refer to component MSDS
5. FIREFIGHTING MEASURES
   Refer to component MSDS

6. ACCIDENTAL RELEASE MEASURES
   Refer to component MSDS

7. HANDLING AND STORAGE
   7.1 Precautions for safe handling
       For precautions see section 2.2.
   7.2 Conditions for safe storage, including any incompatibilities
       Recommended storage temperature -25 - -15 °C
       Storage class (TRGS 510): 12: Non Combustible Liquids
   7.3 Specific end use(s)
       Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
   Refer to component MSDS

9. PHYSICAL AND CHEMICAL PROPERTIES
   Refer to component MSDS

10. STABILITY AND REACTIVITY
    Refer to component MSDS

11. TOXICOLOGICAL INFORMATION
    Refer to component MSDS

12. ECOLOGICAL INFORMATION
    Refer to component MSDS

13. DISPOSAL CONSIDERATIONS
    Refer to component MSDS

14. TRANSPORT INFORMATION
    DOT (US)
    Not dangerous goods

    IMDG
    Not dangerous goods

    IATA
    Not dangerous goods

15. REGULATORY INFORMATION
    SARA 311/312 Hazards
    No SARA Hazards
**16. OTHER INFORMATION**

**Kit Components:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Supplier</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-(dimethylamino)-2,5-dioxo-1-pyrrolidinyl ester benzoic acid</td>
<td>AVANTI</td>
<td>640000P</td>
</tr>
<tr>
<td>4-(dimethylamino)-2,5-dioxo-1-pyrrolidinyl ester-benzoic-2,3,5,6-d4 acid</td>
<td>AVANTI</td>
<td>640004P</td>
</tr>
<tr>
<td>4-[di(methyl-d3)amino]-2,5-dioxo-1-pyrrolidinyl ester</td>
<td>AVANTI</td>
<td>640006P</td>
</tr>
<tr>
<td>4-[di(methyl-d3)amino]-2,5-dioxo-1-pyrrolidinyl ester</td>
<td>AVANTI</td>
<td>640010P</td>
</tr>
</tbody>
</table>

**Preparation Information**

Sigma-Aldrich Corporation  
Product Safety – Americas Region  
1-800-521-8956

Version: 5.1  
Revision Date: 10/10/2018  
Print Date: 11/15/2018