

**APHS: sc-200668**



*The Power to Question*

## **MATERIAL SAFETY DATA SHEET**

### **1 Identification of the substance/mixture and of the company/undertaking**

**Product Name:** APHS  
**Catalog Number:** sc-200668  
**CAS Number:** 209125-28-0  
**Supplier:** Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, CA 95060  
800.457.3801 or 831.457.3800  
**Emergency:** ChemWatch  
Within the US & Canada: 877-715-9305  
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

### **2 Hazards identification**

#### **Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008:** The substance is not classified according to the CLP regulation.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** Not applicable.

**Information concerning particular hazards for human and environment:** Not applicable.

#### **Label elements**

**Labelling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

#### **Other hazards**

#### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### **3 Composition/information on ingredients**

**Chemical characterization:** Substances

**CAS No. Description:** 209125-28-0 APHS

**Identification number(s):** Not applicable

### **4 First aid measures**

#### **Description of first aid measures**

**General information:** No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Remove contaminated clothing.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After ingestion:** If symptoms persist consult doctor.

**Information for doctor:** Most important symptoms and effects, both acute and delayed

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

### **5 Firefighting measures**

#### **Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture:** No further relevant information available.

#### **Advice for firefighters**

**Protective equipment:** Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Wear fully protective suit.

### **6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Wear protective clothing.

**Environmental precautions:** No special measures required.

**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Reference to other sections**

No dangerous substances are released. 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 fire and explosion protection:** No special measures required.

### Storage

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

**Requirements to be met by storerooms and receptacles:** Store tightly sealed in a cool, dry and well ventilated location (see label for storage temperature and additional specific information).

**Information about storage in one common storage facility:** Keep away from heat, sources of ignition and incompatibles such as oxidizing agents.

**Further information about storage conditions:** Store under lock and key and with access restricted to technical experts or their assistants only. Store at -20° C.

**Specific end use(s):** No further relevant information available.

## 8 Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### Control parameters

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists valid during the making were used as basis.

### Exposure controls

#### Personal protective equipment:

##### General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Goggles recommended during refilling

## 9 Physical and chemical properties

|                                        |                |                                           |                |
|----------------------------------------|----------------|-------------------------------------------|----------------|
| Form                                   | Oily           | Odor                                      | Characteristic |
| Molecular formula                      | C15H18O2S      | Molecular weight                          | 262.4          |
| Odor threshold                         | Not determined | pH-value                                  | Not determined |
| Melting point/Melting range            | Undetermined   | Boiling point/Boiling range               | Undetermined   |
| Flash point                            | Not applicable | Flammability (solid, gaseous)             | Not applicable |
| Ignition temperature:                  | Not determined | Decomposition temperature                 | Not determined |
| Self-igniting                          | Not determined | Lower explosion limit                     | Not determined |
| Upper explosion limit                  | Not determined | Vapor pressure                            | Not determined |
| Density                                | Not determined | Relative density                          | Not determined |
| Vapor density                          | Not determined | Evaporation rate                          | Not determined |
| Dynamic viscosity                      | Not determined | Kinematic viscosity                       | Not determined |
| Solubility in / Miscibility with water | Not determined | Segregation coefficient (n-octanol/water) | Not determined |

**Other information:** No further relevant information available.

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

## 10 Stability and reactivity

### Reactivity

**Chemical stability:** Stable. Avoid strong oxidizing agents.

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### Primary irritant effect:

**on the skin:** Not determined

**on the eye:** Not determined

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:** When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

## 12 Ecological information

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

#### Behavior in environmental systems

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

## 13 Disposal considerations

### Waste treatment methods

**Recommendation:** Smaller quantities can be disposed of with household waste.

#### Uncleaned packaging

**Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

**UN-Number:** Not applicable

**UN proper shipping name:** Not applicable

**Transport hazard class(es):** Not applicable

**Packing group:** Not applicable

#### 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

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

## 16 Other information

*The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

4/5/2012