

# Urobilinogen: sc-296690



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Urobilinogen  
**Product Number:** sc-296690  
**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 according to Regulation (EC) No 1272/2008**

The substance is not classified according to the CLP regulation.

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

Not applicable

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:**

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms:** Stereobilinogen, Mesobilinogen

**Formula:** C<sub>33</sub>N<sub>4</sub>O<sub>6</sub>H<sub>42</sub>-50

**Molecular weight:** 590.7 - 598.8

<i>CAS-No.</i>	<i>EC-No.</i>	<i>Index-No.</i>	<i>Concentration</i>
<b>Urobilinogen</b> 14684-37-8	-	-	25 g/L

### 4. FIRST AID MEASURES

**General advice**

No special measures required.

**If inhaled**

Supply fresh air. Consult doctor in case of complaints.

**In case of skin contact**

Wash off with plenty of water. If skin irritation continues, consult a doctor.

**In case of eye contact**

Rinse opened eye for several minutes under running water. Seek medical treatment.

**If swallowed**

Rinse out mouth. If symptoms persist call a doctor.

**Information for doctor**

No further relevant information available.

### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media**

CO<sub>2</sub>, foam, powder or water spray.

**Hazardous combustion products**

Nitrogen oxides, carbon oxides. Ambient fire may liberate hazardous vapors.

### Special protective equipment for firefighters

Wear self-contained respiratory protective device.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Do not inhale steams/aerosols. Avoid substance contact. Ensure adequate ventilation.

### Environmental precautions

Do not allow to enter sewers/surface or ground water.

### Methods and materials for containment and clean up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Clean up affected area.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

No special precautions are necessary if used correctly.

### Conditions for safe storage

Store tightly sealed in a cool, dry and well ventilated location. Keep away from heat, sources of ignition and incompatibles. Store at -20° C.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Personal protective equipment

#### Respiratory protection

Respiratory protection required when vapors/aerosols are generated. Filter ABEK.

#### Hand protection

Wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection

Safety glasses.

#### Body Protection

Protective work clothing. Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	Odor	Characteristic
Odor threshold	No data available.	pH-value	Not applicable
Melting point/Melting range	Undetermined.	Boiling point/Boiling range	Undetermined.
Flash point	Not applicable.	Flammability (solid, gaseous)	Not applicable.
Decomposition temperature	Not determined.	Self-igniting:	Not determined.
Lower explosion limit	Not determined.	Upper explosion limit	Not determined.
Vapor pressure	Not applicable.	Density	Not determined.
Relative density	Not determined.	Vapor density	Not applicable.
Evaporation rate	Not applicable.	Solubility (water)	Not miscible.
Partition coefficient (n-octanol/water)	Not determined.	Viscosity	Not applicable.

## 10. STABILITY AND REACTIVITY

### Chemical reactivity

No dangerous reactions known.

### Chemical stability

Stable.

### Materials to avoid

Oxidizing agents. Acids.

**Conditions to avoid**

No further relevant information available.

**Hazardous decomposition products**

No dangerous decomposition products known.

**11. TOXICOLOGICAL INFORMATION****Acute Toxicity**

**Selected LD50 and LC50s:** LD50 - Oral - 15000mg/kg (rat)

**Primary irritant effect:**

**on the skin:** Not determined.

**on the eye:** Not determined.

**Sensitization**

No sensitizing effects known.

**After inhalation**

No data available

**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**

no data available

**Bioaccumulative potential**

no data available

**PBT and vPvB assessment**

no data available

**General notes**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Do not allow to enter waters, waste water, or soil.

**Persistence and degradability**

no data available

**Mobility in soil**

no data available

**Other adverse effects**

no data available

**13. DISPOSAL CONSIDERATIONS****Product**

Chemicals must be disposed of in compliance with the respective national regulations.

**Contaminated packaging**

Disposal must be made according to official regulations. Packagings that may not be cleansed are to be disposed of in the same manner as the product.

**14. TRANSPORTATION 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:** 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.*

11/07/2013