

4-Hydroxybenzoic acid-ring-13C6: sc-311034



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name: 4-Hydroxybenzoic acid-ring-13C6
Product Number: sc-311034
Concentration: 1 mg/mL in methanol
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

Section 2. Hazard. Ingredients/Identity Information

RTECS No.: PC1400000 (Methanol)
Hazardous Components (Specific Chemical Identity; Common Names)
Chemical Names:
4-Hydroxybenzoic Acid
CAS Number: 99-96-7 (Unlabeled)
OSHA PEL: Not established.
ACGIH TLV: Not established.

Methanol

CAS Number: 67-56-1
OSHA PEL: 8H TWA 200ppm
ACGIH TLV: TWA 200ppm STEL 250ppm

Section 3. Hazard Identification

Appearance: Clear solution.
Potential health effects: Severe skin and eye irritation, blindness and narcosis. It can be absorbed through skin. (Methanol)
Routes of Entry: Inhalation, ingestion, skin absorption.
Symptoms of exposure: Nausea, headache, vomiting. Gastrointestinal disturbances. Weakness. Dizziness. Confusion, etc. (Methanol)
Target organs: Eyes. Kidneys. Liver. Heart. CNS. (Methanol) CNS and Heart. (Caffeine)
Warnings: Highly Flammable. Toxic by inhalation, in contact with skin and if swallowed. Irritating to eyes/skin (Methanol)

Section 4. First Aid Measures

Eyes: On contact, flush eyes with lots of water for at least 15 minutes.
Skin: On contact, wash skin with soap and lots of water.
Inhalation: If inhaled, remove to fresh air. Call a physician.
Breathing: If breathing is difficult, give oxygen.
Not breathing: If not breathing, give artificial respiration.
Swallowed: Give victim large quantities of liquid. Prolonged or repeated exposure can lead to habituation or addiction.

Section 5. Fire-Fighting Measures

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Methods and cautions: Wear self-contained breathing apparatus and protective clothing. Prevent contact with skin and eyes. Flammable liquid. Emits toxic fumes under fire conditions. Vapor may travel considerable distance to source of ignition and flash back.

Flammable LEL: 6% (Methanol)

Flammable UEL: 36% (Methanol)

Section 6. Accidental Release Measures

Evacuate area. Shut off all sources of ignition. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

Hygiene warning: Wash thoroughly after handling.

Respiratory protection: Wear appropriate NIOSH/MSHA approved respirator.

Section 7. Handling and Storage

General warning: Highly Flammable. Toxic by inhalation, in contact with skin and if swallowed. Irritating to eyes/skin (Methanol)

Handling procedures: Only experienced personnel should be allowed to handle this material.

Storage procedures: Store at room temperature away from light and moisture.

Hygiene instructions: Wash thoroughly after handling.

Other: Use only in a chemical fume hood.

Section 8. Exposure Controls and Personal Protection

General controls: Avoid contact and inhalation.

Eye/face protection: Chemical safety goggles.

Skin Protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate NIOSH/MSHA approved respirator.

Section 9. Physical/Chemical Characteristics

Molecular weight	144.08	Physical state	Liquid
pH	Not available.	Molecular Formula	(13C)6H6CO3
Vapor pressure	97.68 mmHg 20°C (Methanol)	Vapor density	0.79 g/l (Methanol)
Solubility in water	Soluble (Methanol).	Specific gravity/density	0.791 g/cm3 (Methanol)
Autoignition temperature	385°C	Flash point/Method	52°F (11°C) (Methanol)
Melting point	-98°C (Methanol)	Boiling point	Not available.
Freezing point	Not available		
Odor	Slight alcohol odor. (Methanol)		

Section 10. Stability and Reactivity

Chemical Stability: See storage and expiration date.

Conditions to Avoid: Not available.

Incompatibilities: Acids, acid chlorides, acid anhydrides, oxidizing agents, reducing agents, and alkali metals. (Methanol)

Hazardous Decomposition: Carbon monoxide, Carbon dioxide. (Methanol)

Hazardous Polymerization: Will not occur. (Methanol & Caffeine)

Section 11. Toxicological Information

Acute data: Methanol causes skin and eye irritation. Toxic by inhalation, ingestion and skin absorption. Material may be irritating to mucous membranes and upper respiratory tract. Caffeine may cause skin and eye irritation. May be harmful by inhalation and by skin absorption. Caffeine is harmful if swallowed.

Chronic data: Methyl alcohol may be fatal or cause blindness if swallowed. Cannot be made non-poisonous. (Methanol) Caffeine: Overexposure by ingestion may result in nervousness, tremors, and insomnia. Headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness. Lethargy and convulsions. Nausea, vomiting, diarrhea. Neurotic effects. Ataxia. CNS stimulation. Convulsions.

Section 12. Ecological Information (impact if released into environment)

Not available.

Section 13. Disposal Considerations

Waste materials should be disposed of under conditions which meet Federal, State, and Local environmental control regulations.

Section 14. Transport Information

Follow all Federal, State and Local transportation guidelines.

IATA

UN ID: 1230

Class: 3

Packing Group: II

Section 15. Regulatory Information

Listed on the TSCA inventory. (Methanol & Caffeine) This product is subject to SARA section 313 reporting requirements. (Methanol)

Section 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.

5/14/2013