

Mequitazine: sc-211791



The Power to Question

MATERIAL SAFETY DATA SHEET

**** SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

Product Name: Mequitazine
Catalog Number: sc-211791
Synonyms: 10-(1-azabicyclo[2.2.2]oct-3-ylmethyl)- 10H-Phenothiazine
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 – COMPOSITION, INFORMATION ON INGREDIENTS ****

| <i>CAS#</i> | <i>Chemical Name</i> | <i>%</i> | <i>MFCD</i> | <i>Haz Symbols</i> | <i>Risk Phrases</i> |
|-------------|----------------------|----------|-------------|------------------------|-------------------------|
| 29216-28-2 | Mequitazine | 97+% | – | Xi | 43 |

Formula: C₂₀H₂₂N₂S
Molecular Weight: 322.48

**** SECTION 3 – HAZARDS IDENTIFICATION ****

Specific identification of hazards to human and environment:
May cause sensitization by skin contact.

**** SECTION 4 – FIRST AID MEASURES ****

Inhalation:

If inhaled, remove to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

Skin:

In case contact, immediately wash skin with soap and copious amount of water

Eyes:

In case contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Ingestion:

If swallowed, wash mouth with water provided person is conscious. Get medical aid.

**** SECTION 5 – FIRE FIGHTING MEASURES ****

Extinguishing Media:

Suitable: Water spray, carbon dioxide, dry chemical powder.

Special risks

Specific Hazard: Emits toxic fumes under fire conditions.

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**** SECTION 6 – ACCIDENTAL RELEASE MEASURES ****

Procedure(s) of personal precaution(s)

Wear self-contained breathing apparatus, and heavy rubber gloves.

Methods for cleaning up

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash site after material pickup in compete.

**** SECTION 7 – HANDLING and STORAGE ****

Handling:

Avoid contact with skin and eyes and inhalation. Ensure good ventilation at the workplace.

Storage:

Keep away from sources of ignition. Store in cool, dry place. Store in a tightly closed container.

**** SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:

Solid

Color:

White

Odor:

N/A

pH:

N/A

Viscosity:

N/A

Boiling Point:

469.4° C at 760 mmHg

Melting Point:

143–145° C

Autoignition Temperature:

N/A

Flash Point:

237.7° C

Explosion Limits:

Product does not present an explosion hazard

Specific Gravity/Density:

1.28 g/cm³

**** SECTION 10 – STABILITY AND REACTIVITY ****

Chemical Stability: stable at room temperature.

Incompatibilities with Other Materials:

Strong oxidizing agents

Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, carbon dioxide, sulphur oxides

Hazardous Polymerization:

Has not been reported.

****** SECTION 11 – TOXICOLOGICAL INFORMATION ******

Signs and symptoms

Irritant to skin, eye and mucous membranes

LD50/LC50: Not available.

Carcinogenicity:

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

****** SECTION 12 – ECOLOGICAL INFORMATION ******

No data available

****** SECTION 13 – DISPOSAL CONSIDERATIONS ******

Dispose of in a manner consistent with federal, state, and local regulations.

****** SECTION 14 – TRANSPORT INFORMATION ******

IATA Non-hazardous for air transport

IMDG Non-hazardous for sea transport

RID/ADR Non-hazardous for road transport

****** SECTION 15 – REGULATORY INFORMATION ******

International Regulations:

Hazard Symbols: Xi Irritant

Risk Phrases:

R 43 – May cause sensitization by skin contact.

Safety Phrases:

S 26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

WGK (Water Danger/Protection):

No information available.

Information about limitation of use

It is for research and development use only.

****** SECTION 16 – ADDITIONAL 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.

8/23/2010