



PRISM INDUSTRIES PRIVATE LIMITED

AN ISO 9001:2015, ISO 14001:2015, ISO 45000:2018, WHO-GMP APPROVED COMPANY

Works Address : Survey No. 637/23/A1, Khambhat Dhuvaran Road, At Kalamsar, Tal. Khambhat,
Dist. Anand-388640, Gujarat. India. M. : 9727701668, 9712934397

CIN : U24231GJ1992PTC 017501 | PAN : AABCP7162Q | GSTIN : 24AABCP7162Q1ZY

Regd. Office : 208, Trivia Complex, Nr. Natubhai Circle, Race Course, Vadodara-390 007. Ph. : 0265-3504650 / 0265-3504649
Email : info@prismind.com | Website : www.prismindustriesltd.com

MATERIAL SAFETY DATA SHEET QUININE BASE MSDS

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Quinine Base
Contact Information : Nicotine Vault
Culver St, Somerville, NJ, 08876, USA
For information call : +1 (534) 444-6872
For emergencies call : +1 (534) 444-6872

Catalog Codes : SLQ1054
CAS# : 130-95-0
RTECS : VA6020000
TSCA : TSCA 8(b) inventory: Quinine
Synonym : 6'-Methoxycinchonan-9-ol
Chemical Formula : $C_{20}H_{24}N_2O_2$

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:

Name	CAS #	% by Weight
Quinine Base	130-95-0	100

Toxicological Data on Ingredients: Not applicable

SECTION 3: HAZARDS IDENTIFICATION

Potential Acute Health Effects: Very hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects: Very hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

CARCINOGENIC EFFECTS : Not available.
MUTAGENIC EFFECTS : Not available.
TERATOGENIC EFFECTS : Not available

DEVELOPMENTAL TOXICITY : Not available

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

SECTION 5: FIRE AND EXPLOSION DATA

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. **LARGE FIRE:** Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent, Gloves.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	: Solid.
Odor	: Not available. Taste
	: Not available.
Molecular Weight	: 324.41 g/mole Color
	: Not available. pH
(1% sol/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Decomposes. (177°C or 350.6°F) Critical
Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water	: Not available.
Dispersion Properties	: Not available.
Solubility	: Very slightly soluble in cold water

SECTION 10: STABILITY AND REACTIVITY DATA

Stability	: The product is stable.
Instability Temperature	: Not available.
Conditions of Instability	: Not available.
Incompatibility with various substances	: Not available.
Corrosivity	: Non-corrosive in presence of glass
Special Remarks on Reactivity	: Not available. Special
Remarks on Corrosivity	: Not available.
Polymerization	: No

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Ingestion.

Toxicity to Animals: LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Very hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant) of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Risk of spontaneous abortion in human.

Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal: NA

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material.

Identification: Not applicable.

Special Provisions for Transport: Not regulated as per IATA.

SECTION 15: OTHER REGULATORY INFORMATION

Federal and State Regulations: Massachusetts RTK: Quinine TSCA 8(b) inventory: Quinine

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): This product is not classified according to the EU regulations.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment: Gloves, Lab coat , Dust respirator, Be sure to use an approved/certified respirator or equivalent, Safety glasses.

SECTION 16: OTHER INFORMATION

References: Not available.

Other Special Considerations: Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Nicotine Vault Industries Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Nicotine Vault Industries Ltd has been advised of the possibility of such damages.