

MATERIAL SAFETY DATA SHEET

(QUININE DI-HYDROCHLORIDE)

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Quinine Di-Hydrochloride
Company Identification : Nicotine Vault
Culver St, Somerville, NJ, 08876, USA
Contact No. : +1 (534) 444-6872
For further enquiries : Info@nicotinevault.com

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

Harmful if Swallowed.

Potential Health Effects

The Toxicological Properties of This have not Been Investigated. Use Appropriate Procedures to Prevent opportunities for Direct Contact with the Skin or eyes and to Prevent Inhalation. Compound is Non-Hazardous. Non-Toxic/Non-Flammable

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Composition:

CAS#	Chemical	%	Einecs #	Haz Symbols	Risk Phrases
60-93-5	Quinine Dihydrochloride	>95%	-	-	

SECTION 4 FIRST AID MEASURES Eyes:

Immediately flush eyes With Plenty of for at least 15 Minutes. Occasionally Lifting The Upper and lower Eyelids.

Skin:

Flush Skin With Plenty of Water for at Least 15 Minutes While Removing Contaminated Clothing and Shoes.

Ingestion:

Do not Induce Vomiting. If Conscious and alert. Rinse Mouth and drink 2-4 Cupfuls of Milk or Water.

Inhalation:

Remove From exposure and Move to Fresh air immediately.

SECTION 5 FIRE FIGHTING MEASURES General

Information:

As in any Fire Wear a Self-Contained Breathing apparatus in Pressure-Demand.

Msha/Niosh (approved or Equivalent) and Full Protection qewr. During a Fire Irritating and Highlv Toxic gases may de Thermal Decomposition or Combustion.

Extinguishing Media:

In case of Fire, Use Water, dry Chemical Foam, or Alcohol-Resistant Foam, SMALL FIRE: Use DRY Chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Material is powder form, capable of crating a dust explosion.

SECTION 6 ACCIDENTAL RELEASE MEASURES

General Information:

Use Propet Personl Protective Equipment as Indicated in Section 8.

Spills/leaks:

Clean up spills immediately. Observing precautions in The Protective Equipment Section, Sweep up, Then Place into a Suitable Container for Disposal.

SECTION 7 HANDLING AND STORAGE Handling:

Wash Thoroughly after Handling. Remove Contaminated Clothing and Wash Before Reuse.

Avoid Contact with eyes, Skin, and Clothing. Avoid Ingestion and Inhalation.

Storage:

Store in a Well Closed Container.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use Adequate General or Local Exhaust Ventilation to Keep Airborne Concentrations below the Permissible Exposure Limits. Use Process Enclosure, local Ventilation, or Other Engineering Controls to Control Airborne Levels. Personal Protective Equipment **Eyes:** Wear Safety Glasses and Chemical Goggles if Splashing is Possible.

Skin:

Wear Appropriate Protective Gloves and Clothing to Prevent skin Exposure.

Clothing:

Wear Appropriate Protective Clothing to Minimize Contact With Skin.

Respirators:

Wear a Niosh/Msha or European Standard EN 149 Approved Full-Face piece Airline Respirator in the Positive Pressure Mode with Emergency Escape Provisions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: White Solid

Molecular Formula: $C_{20}H_{26}Cl_2N_2O_2$

Molecular Weight: 397.3 gm/mol

SECTION 10 STABILITY AND REACTIVITY

10.1 Chemical Stability:

Stable Under Normal Temperatures and Pressures.

Conditions to Avoid:

Incompatible Materials, Strong Oxidants.

Incompatibilities with Other Materials: Strong

Oxidizing Agents, Strong Bases, Hazardous

Decomposition Products:

Nitrogen Oxides, Carbon Monoxide, Irritating and Toxic Fumes and Gases, Carbon Dioxide, Nitrogen.

Hazardous Polymerization: Has Not Been Reported.

SECTION 11 TOXICOLOGICAL INFORMATION RTECS

#:

CAS#: LD50/LC50:

CAS#: Draize Test. Rabbit, eye: 100 mg/24H Moderate: Oral.

Mouse: LD50 = 300 mg/kg: Oral. Rabbit: LD50 = 3200 mg/kg: Oral. Ret:

LD50 = 980 mg/kg.

Salicylamide –

Not Listed by Acgih, Iarc, Niosh, Ntp , or Osha.

See Actual Entry in Rtecs for Complete Information.

SECTION 12 ECOLOGICAL INFORMATION

NA

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in a Manner Consistent With Federal, State, and Local Regulations,

SECTION 14 TRANSPORT INFORMATION

IATA	No Information Available,
IMO	No Information Available,
ID/ADR	No Information Available,

SECTION 15 REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance With EC Directiyes

Hazard Symbols: XN Risk

Phreses:

R 22 Harmful if Swallowed.

Safety Phrases:

WGK (Water Danger/Protection)

CAS# United Kingdom Occupation Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# IS Listed on Canada's DSL List.

CAS# is Not Listed on Canada's Ingredient Disclosure List.

Exposure Limits

US Federal

TSCA

CAS# is listed on The TSCA Inventory

SECTION 16 ADDITIONAL INFORMATION

The Information Above is believed to be Accurate and Represents the best Information Currently Available to us. However, We maks 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

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