



# Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

**MATERIAL SAFETY DATA SHEET**

**MSDS**

Savgan Heights ; 102 ,B Wing ; R.T.O. Lane ,Andheri (West) Mumbai - 400053 , INDIA

## Section 1 - Chemical Product and Company Identification

**Product Name : QUINALDINE 98%**

**Synonyms:** 2-Methylquinoline

**CAS No.:** 91-63-4

**Molecular Weight:** 143.19

**Chemical Formula:** C<sub>10</sub>H<sub>9</sub>

## Section 2 - Composition, Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Quinaldine	91-63-4	98 - 100%	Yes

## Section 3 - Hazardous Identification

**Risk advice to man and the environment**

Harmful in contact with skin and if swallowed.

## Section 4 - First Aid Measures

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 5 - Fire Fighting Measures

### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6 - Accidental Release Measures

### **Personal precautions**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

### **Environmental precautions**

Do not let product enter drains.

### **Methods for cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

### **Handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

### **Storage**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store under inert gas. Air, light, and moisture sensitive.

## Section 8 - Exposure Controls, Personal Protection

### **Personal protective equipment**

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Hand protection**

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

#### **Eye protection**

Face shield and safety glasses

#### **Skin and body protection**

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Section 9 - Physical and Chemical Properties

### Appearance

Form liquid

### Safety data

pH no data available

Melting point -9 - -3 °C - lit.

Boiling point 105 - 107 °C at 13 hPa - lit.

248 °C at 1.013 hPa - lit.

Flash point 79 °C - closed cup

Ignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Density 1,058 g/mL at 25 °C

Water solubility no data available

## Section 10 - Stability and Reactivity

### Storage stability

Stable under recommended storage conditions.

### Conditions to avoid

Air, light, and moisture sensitive.

### Materials to avoid

Strong oxidizing agents, Acid chlorides, Strong acids

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)

## Section 11 - Toxicological Information

### Acute toxicity

LD50 Oral - rat - 1.230 mg/kg

LD50 Dermal - rabbit - 1.980 mg/kg

### Irritation and corrosion

Skin - rabbit - Mild skin irritation - 24 h

### Sensitisation

no data available

### Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Genotoxicity in vitro - Histidine reversion (Ames)

### Potential Health Effects

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** Harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**Ingestion** Harmful if swallowed.

**Target Organs** Central nervous system,

### Additional Information

RTECS: UZ9625000

## Section 12 - Ecological Information

### Elimination information (persistence and degradability)

Bioaccumulation *Ginglymostoma cirratum* - 2 h

Bioconcentration factor (BCF): 1,7

**Ecotoxicity effects**

no data available

**Further information on ecology**

no data available

## Section 13 - Disposal Considerations

**Product**

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

## Section 14 - Transport Information

**ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

## Section 15 - Regulatory Information

**Labelling according to EC Directives**

Hazard symbols

Xn Harmful

R-phrase(s)

R21/22 Harmful in contact with skin and if swallowed.

S-phrase(s)

S36 Wear suitable protective clothing.

## Section 16 - Additional Information

**Not Regulated**