

# SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



## 103831 ISOBUTYL QUINOLINE

Version 3.7

Print Date: 07/31/2018

Revision Date: 10/24/2017

### SECTION 1. IDENTIFICATION

Product name : ISOBUTYL QUINOLINE  
000000000000103831  
Product code : 103831

#### Manufacturer or supplier's details

Company name of supplier : Symrise , Inc.  
Address : 300 North Street  
Teterboro NJ 07608  
Telephone : (201) 288-3200  
Telefax : (201) 288-0843  
E-mail address : msds-us@symrise.com  
Emergency telephone number : +1-800-535-5053 (ID# 101844)  
+1-352-323-3500 (Outside US)

#### Recommended use of the chemical and restrictions on use


Recommended use : Fragrances

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Oral) : Category 4

#### GHS label elements

Hazard pictograms : 

Signal word : Warning

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P284 Wear respiratory protection.  
**Response:**  
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

#### Hazards Not Otherwise Classified (HNOC)

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name : Quinoline, 6(or 8)-(2-methylpropyl)-  
Synonyms : 6(or 8)-(sec-Butyl)quinoline  
Chemical Family : Heterocyclic Nitrogen Compounds

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CAS-No. : 68198-80-1  
Molecular formula : C13-H15-N

### SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.  
Move out of dangerous area.
- Show this safety data sheet to the doctor in attendance.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not give milk or alcoholic beverages.  
If symptoms persist, call a physician.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific extinguishing methods :  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Soak up with inert absorbent material and dispose of as hazardous waste.

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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Use only with adequate ventilation.  
Do not breathe vapours/dust.  
For industrial use only.  
Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.  
Take care to avoid waste and spillage when weighing, loading and mixing the product.
- Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

We are not aware of any national exposure limit.

#### Personal protective equipment

- Respiratory protection : In the absence of adequate ventilation, a respirator, appropriate for the specific workplace conditions, is recommended.
- Eye protection : Wear chemical resistant goggles and/or face shield.
- Skin and body protection : Wear suitable gloves.
- Protective measures : Engineering controls providing adequate ventilation (such as hoods, point source or whole room ventilation systems for liquids and dust collection systems for dusts) are recommended as the primary method to minimize workplace exposure. When adequate ventilation cannot be achieved, the use of an appropriate respiratory protection device is recommended.  
Established TLV/ TWA or PEL values should be used when possible.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : clear liquid

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Colour	: colorless to light yellow
Odour	: characteristic
Flash point	: 279 °F / 137 °C
Vapour pressure	: 0.000 hPa (20 °C) / 0.000 mmHg (20 °C)
Relative density	: 1.0080 - 1.0140 (20 °C) relation to density of water at 4°C
Solubility(ies)	
Water solubility	: immiscible
Partition coefficient: n-octanol/water	: log Pow: 4.09
Molecular weight	: 185.2 g/mol

### SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions.  None known.
Conditions to avoid	: No data available

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Ingestion  
Inhalation  
Eye contact  
Skin contact

#### Acute toxicity

Acute oral toxicity	: LD50 (Rat): 1,020 mg/kg
Acute dermal toxicity	: LD50 (Rabbit): > 5,000 mg/kg

#### Skin corrosion/irritation

Species: Humans  
Result: No skin irritation  
Concentration: 2 %

#### Serious eye damage/eye irritation

No data available

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### Respiratory or skin sensitisation

Test Type: Klecak Open Epicutaneous Test  
Species: Guinea pig  
Result: No sensitizing effect.  
Concentration: 2 %

### Germ cell mutagenicity

No data available

### Carcinogenicity

<b>IARC</b>	Not listed
<b>OSHA</b>	Not listed
<b>NTP</b>	Not listed

### Reproductive toxicity

No data available

### STOT - single exposure

No data available

### STOT - repeated exposure

No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

Biodegradability : Test Type: Closed Bottle test  
Result: Not readily biodegradable.  
Biodegradation: 3 %  
Exposure time: 28 d  
Method: OECD 301D  
GLP: yes

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.  
Observe, local, state and federal regulations.  
Do not dispose of waste into sewer.

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Discharge into the environment must be avoided.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.  
Where possible recycling is preferred to disposal or incineration.

### SECTION 14. TRANSPORT INFORMATION

**49CFR Road 0 – 25 kg** Not classified as dangerous in the meaning of transport regulations.  
**49CFR Road 25 – 400 kg** Not classified as dangerous in the meaning of transport regulations.  
**49CFR Road > 400 kg** Not classified as dangerous in the meaning of transport regulations.

**IMDG** : Not classified as dangerous in the meaning of transport regulations.

#### IATA-DGR

UN Number : 3334  
Description of the goods : Aviation regulated liquid, n.o.s. (6(OR 8)-(SEC-BUTYL)QUINOLINE)  
Class : 9  
Packaging group : III  
Cargo \ Packing Instruction : 964  
Qty / Pkg. : 450.00 L  
Passenger\Packing : 964  
Instruction Qty / Pkg. : 450.00 L

### SECTION 15. REGULATORY INFORMATION

#### TSCA list

TSCA - 12(b) Export Notification List of Chemicals : Not listed  
TSCA - 5(a) Significant New Use Rule List of Chemicals : Not listed

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

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**SARA 302** : This material does not contain any components with a SARA 302 RQ.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **New Jersey Right To Know**

Not listed

### **California Prop 65**

Not listed

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## **SECTION 16. OTHER INFORMATION**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.