

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Bakuchiol Raw Material
INCI name	:	Bakuchiol
CAS #	:	10309-37-2
Country of Origin	:	India
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long-lasting effects

Precautionary statement(s)

P273	Avoid release to the environment.
P391	Collect spillage.
P501	Dispose of contents/container to ...

Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

Skin

May be harmful if absorbed through skin. Causes skin irritation.

Eyes

Causes eye irritation

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Bakuchiol Raw Material	10309-37-2	-	100.0%

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Do Not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

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

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Use personal protective equipment. Avoid breathing vapours, mist or gas. For personal protection see section 8.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

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

7. HANDLING AND STORAGE

Precautions for safe handling

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.

Conditions for safe storage, including any incompatibilities

Store in original sealed container at +10 to +30°C; Avoid exposure to light & heat Store in cool place. Keep container tightly closed. Bakuchiol is Photo chemically & hydrolytically stable.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Light Yellow to gold color viscous liquid
Odor	:	Characteristic odor
Initial b.p and boiling range	:	391.38 °C
Flash point	:	176.59 °C
Relative density	:	0.96 g/ml at 20 °C
Solubility (ies)	:	Soluble in Alcohol and DMSO

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Incompatible materials

Reducing agents, Oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - Rat - 2.560,0 mg/kg

LD50 Intraperitoneal - Mouse - 94 mg/kg

LD50 Intravenous - Mouse - 31 mg/kg

Carcinogenicity

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.

Skin contact

Skin - Human

Result: No skin irritation

(Patch Test 24 Hrs. on humans: No detectable irritation.)

Eye contact

Respiratory or skin sensitisation

Patch test on human volunteers did not demonstrate sensitisation properties.

12. ECOLOGICAL INFORMATION

Ecotoxicity

None .

Persistence and degradability

None .

Bio - accumulative potential

None .

Mobility in soil

Free .

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not Regulated

IMO-IMDG Shipping Description (Sea)

Not Regulated

IATA Shipping Description (Air)

Not Regulated

15. REGULATORY INFORMATION

SARA 302

No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.

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 II, Section 313.

California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Revision date : 25 Mar 2026

Disclaimer & Caution

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