

MATERIAL SAFETY DATA SHEET
BKL-A29 BAKUCHIOL (NATURAL EXTRACT)

Section 1 : Product and Company Identification

Product Name : BKL-A29 Bakuchiol (Natural Extract)
Batch No. : BKL-090625
HSN Code : 1302.19.19
Manufacture : Sunshine Exim
Address : B/602, Ganesh Gauri Apt,
Kotwal Nagar, Sawarkar Sq.,
Nagpur, Maharashtra, India
Manufacturing Unit Address : Plot No.1, Land KH No.214 & 255
Patwari Halka No.4, Khadgaon Road,
Lava, Nagpur-440023, India

Emergency contact: Mob: +91 9970138528

Section 2: Composition/ Information on Ingredients

CAS #	Name	Description
10309-37-2	Bakuchiol	Oil

Section 3: Hazards Identification

Bakuchiol:

Emergency Overview OSHA Hazards: No known OSHA hazards

GHS Classification: Acute toxicity, Oral (Category 5)

GHS Label elements, including precautionary statements Pictogram: none

Signal word: Warning

Hazard statement(s): H303 May be harmful if swallowed.

Precautionary statement(s): none

HMIS Classification

Health hazard: 1

Flammability: 0

Physical hazards: 0

NFPA

Rating Health Hazard:

Fire: 0

Reactivity Hazard: 0





Potential Health Effects

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

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Classification of the substance

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

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, Flush eyes with water as a precaution.

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

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed no data available

Section 5: Fire and Explosion Data

Extinguishing media

Suitable extinguishing media

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

Special hazards arising from the substance or mixture - Carbon oxides

Advice for firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

Further information no data available.





Section 6: Accidental Release Measures

Personal precautions:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Avoid breathing dust. Environmental precautions: Do not let product enter drains.

Methods for cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal (see section 13)

Section 7: Handling and Storage

Precautions for safe handling

For precautions see section 2.2,

Conditions for safe storage, including any incompatibilities : Store in cool place (+15- +30 Deg C). 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.

Section 8: Exposure Control/Personal

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : 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).

Hand protection : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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

Control of environmental exposure: Do not let product enter drains



Section 9: Physical and Chemical Properties

Property	Bakuchiol
Appearance	Yellow to brownish oil
pH	No data available
Water Solubility	No data available
Other Solubility	DMSO or EtOH
Boiling Point (°C)	391.4±21.0 at 760 mm Hg
Melting Point (°C)	No data available
Flash Point (°C)	172.6°C
Ignition Temperature (°C)	No data available
Density	0.96 g/cm ³

Section 10: Stability and Reactivity Data

Property	Bakuchiol
Chemical stability	Stable under recommended storage conditions
Conditions to avoid	No data available
Materials to avoid	Reducing agents, oxidizing agents
Hazardous decomposition products	Carbon oxides

Section 11: Toxicological Information

Bakuchiol:

Acute toxicity:

LD50 Oral – rat – 2,560 mg/kg
 LD50 Intraperitoneal – mouse – 94 mg/kg
 LD50 Intravenous – mouse – 31 mg/kg

Skin corrosion/irritation: Skin – human – no skin irritation Patch Test 24 hrs. On Humans: no detectable irritation

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: Does not cause skin sensitization. Patch test on human volunteers did not demonstrate sensitization properties.

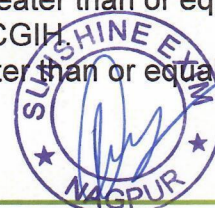
Germ cell mutagenicity: Genotoxicity in vitro – Human lymphocytes – negative
 Genotoxicity in vitro – S. typhimurium - negative

Carcinogenicity:

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

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

NTP: No component of this product present at levels greater than or equal to 0.1% is





identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity – single exposure (GHS): no data available

Specific target organ toxicity – repeated exposure (GHS): no data available

Potential Health Effects

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

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation. Ingestion: May be harmful if swallowed.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional information: RTECS: SL3785000

Section 12: Ecological Information

Bakuchiol:

Persistence and degradability: no data available

Toxicity: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Section 13: Disposal Considerations

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging: Dispose of as unused product

Section 14: Transport Information

Bakuchiol:

DOT (US): Not dangerous goods.

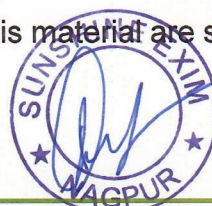
IMDG: Not dangerous goods.

IATA: Not dangerous goods. SECTION

Section 15: Regulatory Information

OSHA Hazards: No known OSHA hazards

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





SARA 313 Components: 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.

SARA 311/312 Hazards: No SARA Hazards

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: Bakuchiol, CAS-No. 10309-37-2

New Jersey Right To Know Components: Bakuchiol, CAS-No. 10309-37-2

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

EU regulations

Component	Risk Phrases	Safety Phrases
Bakuchiol	-	-

Section 16: Other Information

DISCLAIMER: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Nutrisign Innovation shall not be held liable for any damage resulting from handling or from contact with the above product.

