

**Importers and dealers of**

- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Name of goods	Kopcinol
Substance name	4-Butyl Resorcinol
Chemical Name	1,3-Dihydroxy-4-butyl benzene
Recommended use Restrictions on use	Skin lighting agent For manufacturing personal care products - industrial use only
Manufacturer	Sophix Natural & Agro Products Ltd
Email	info@sophixnatural.com
Manufacturer address	5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos.
Inspection according to	EEC Directive 93/112/EC UN "Recommendations on the TRANSPORT OF DANGEROUS GOODS"
Emergency telephone call	+234-7061111838

2. Hazards Identification	
Classification of the substance	
Hazard Class and Category Code(s)	Acute toxicity, Oral (Category 4) Skin irritation (Category 2) Eye irritation (Category 2) Aquatic acute (Category 1)
Label elements	
Hazard statements	H302 : Harmful if swallowed H315 : Causes skin irritation H319 : Causes serious eye irritation H400 : Very Toxic to Aquatic life
Precautionary statement(s)	P261 : Avoid breathing dust/fume/gas/mist/vapours/spray P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several

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	minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
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	P363: Wash contaminated clothing before reuse. P273: Avoid release to the environment. P501 Dispose of contents/container in accordance with local regulation
Pictogram	
Signal word	Warning
Other hazards	None

3. Composition/Information on ingredients			
Name	CAS Number	GHS Hazard class & categ, code	Percent (w/w) approx.
4-Butyl Resorcinol	18979-61-8	Acute Tox. 4; skin Irrit. 2; Eye Irrit. 2; Aquatic acute 1; H3O2, H315, H319, H400	< 100%

4. First aid measures	
Description of first aid measures	
General	If exposed or concerned: Get medical advice/attention.
Inhalation	Move to fresh air. If breathing has ceased give artificial respiration. Obtain immediate medical attention.
Skin contact	Remove contaminated clothing and wash affected area with soap and water immediately. Obtain immediate medical attention.
Eye contact	Remove contact lenses, if worn and rinse open eye with at least 15 minutes under running water and apply sterile protective bandage. Obtain medical attention immediately.
Ingestion	Never give anything by mouth if patient is unconscious. Do not induce vomiting. Rinse mouth with water and obtain immediate medical attention.

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5. Fire-fighting measures

Extinguishing media	Use extinguishing media appropriate for surrounding fire. Water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Special hazards arising from the substance or mixture	None
Fire fighting procedures	Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental precautions	Be careful to ensure product doesn't enter drains or surface waters (see section 12 – ecological information).
Methods and material for containment and cleaning up	Take up mechanically or sweep up carefully and transfer to a suitable container for recovery or waste disposal (see section 13 disposal consideration). Avoid generation of dust. Ventilate the area and wash spill site after material pick-up is complete. Disposal of waste in accordance with all applicable federal, state and local laws.
Reference to other sections.	Refer section 12 – Ecological information.

7. Handling and storage

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage	Keep container tightly closed in a dry and well ventilated place. Store in cool place.

8. Exposure controls/personal protection

Control parameters	No information available
Exposure controls	Use process enclosure, local exhaust ventilations or other controls To minimize airborne levels of the product. The exposure to the product must be reduced to the lowest level. Wear suitable respirator, safety goggles, suitable gloves & aprons. For extra safety use within fume

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	chambers. Wash thoroughly after handling. Do expose into eyes, on skin & clothing. Avoid prolonged or repeated exposure. Be particular about using the safety showers & eye bath.
Occupational exposure controls	Wear recommended personal protective equipment as details below:
Personal protection	Chemical resistant gloves & safety glasses is must
Respiratory protection	Seek professional advice prior to respirator selection. Atmospheric level should be maintained below the exposure limit. If airborne concentrations is high use mask or respirator.
Hand protection	Wear chemical protective gloves
Eye protection	Wear safety glasses
Skin protection	Wear chemically protective clothing

Work practices	Eye wash facilities and a safety shower should be easily accessible. Before breaks and at the end of work thoroughly wash hands with soap and water. Wash contaminated clothing before use. Clean footwear before use.
Environmental exposure controls	All necessary precautions must be taken to avoid release into the environment. Refer to Local, State or Nationals Legislations for environment and pollution control.

9. Physical and chemical properties	
Appearance	White to Off white powder
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point/freezing point	About 50 °C
Initial boiling point and boiling range	Ca. ~300 °C at 1 atm.
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available

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Solubility(ies)	Soluble in methanol and in methylene chloride; slightly soluble in water.
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

10. Stability and reactivity	
Reactivity	No data available
Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	Hazardous polymerization will not occur
Conditions to avoid	Avoid excessive heat and light
Incompatible materials	Acid chlorides, acid anhydrides, Oxidizing agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions – Carbon oxides.

11. Toxicological Information	
Acute toxicity	LD50 oral (rat) 500 mg/kg
Skin corrosion/Irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Potential health effects	Data lacking
Inhalation	Harmful if swallowed
Ingestion Skin	Causes skin irritation
Eyes	Causes serious eye irritation

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12. Ecological Information

Toxicity	Very Toxic to aquatic life
Persistence and degradability	Not known
Bioaccumulative potential	Low
Mobility in soil	Low
Results of PBT and vPvB assessment	Not known
Other adverse effects	Not known

13. Disposal consideration

Product	Contact a licensed professional waste disposal service to dispose of this material. Dispose in a safe manner in accordance with local/national regulations.
Contaminated packaging	Contaminated, empty containers must be disposed off as chemical waste

14. Transport Information

Label for conveyance : Normal labels , not special marks
The Goods is classified as NOT RESTRICTED as per IATA DGR 61th Edition.

15. Regulation Information

Law information

- 《Dangerous Goods Regulations》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Techninal Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substance Control Act》 (TSCA)
- 《Consumer Product Safety Act》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act Title III(302/311/312/313)》 (SARA)

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《Resource Conservation and Recovery Act》 (RCRA)

《Safety Drinking Water Act》 (CWA)

《California Proposition 65》

《Code of Federal Regulations》 (CFR)

In accordance with all Federal, State and local laws.

16. Other Information

Sophix Natural & Agro Products Ltd. provides the composition information of the product, and promises its integrity and accuracy. User should read this file carefully, and use the product in correct method. Sophix Natural & Agro Products Ltd. Does not assure responsibility for any damage or loss because of misuse of this product.