



MATERIAL SAFETY DATA SHEET (MSDS)

Material Safety Data Sheet

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Section 1: Identification

Product name: Resveratrol

Company: SOPHIX NATURAL AND AGRO PRODUCTS LTD

Address: 5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos

Telephone: +2347061111838

Section 2: Hazard Identification

Hazard Class: This product is not listed in 《Hazardous Chemicals Catalog》

GHS label elements, including precautionary statements:



Health hazards: Harmful if swallowed. Causes serious eye damage. Inhalation may cause allergic or asthmatic symptoms or breathing difficulties.

Explosive hazard: No fire and explosion danger



Environmental hazards: Collect the leakage to avoid polluting the environment. Prevent leakage from entering sewers, surface water and groundwater.

Section 3: Composition/Information On Ingredients

Substance V Mixture

Chemical name	Content	CAS NO.
Resveratrol	≥98.0%	501-36-0

Section 4: First-aid Measures

Skin contact: Take off the contaminated clothes and wash the skin thoroughly with soap and water. If you feel unwell, see a doctor.

Eyes contact: Separate the eyelids and wash them with flowing clean water or normal saline. Get medical attention immediately.

Inhalation: If inhaled, move the patient to fresh air. Seek medical advice if you feel unwell

Ingestion: Rinse your mouth and do not induce vomiting. Get medical attention immediately.

Section 5: Fire-fighting Measures

Hazard characteristics: This product has no special hazardous characteristics.

Hazardous combustion products: No data available

Fire fighting methods: Fire extinguishing method: use water mist, sand, dry powder or carbon dioxide extinguishing to extinguish the fire.

Section 6: Accidental Release Measures

Emergency Management: Small amount of leakage: collect the leaked liquid in a sealable container as far as possible. Absorb with sand, activated carbon or other inert materials and transfer to a safe place. Do not flush into the sewer. Large amount of leakage: build a dike or dig a pit to receive. Close the drainage pipe. Cover with foam to inhibit evaporation. Use explosion-proof pump to transfer to tank car or special collector for recycling or transport to waste disposal site.

Safety precautions related to people: It is recommended that emergency treatment personnel wear air breathing apparatus, anti-static clothing and rubber oil resistant gloves. Do not touch or cross the leakage. All equipment used in operation shall be grounded. Cut off the source of leakage as much as possible. Eliminate all sources of ignition. According to the influence area of liquid flow, steam or dust diffusion, the whole warning area shall be delimited. Irrelevant personnel shall be scattered from the crosswind to the safe area.

Environmental protection measures: Collect the leakage to avoid polluting the environment. Prevent leakage from entering sewers, surface water and groundwater.

Section 7: Handling and Storage

Operational considerations: The operators must be specially trained and strictly abide by the operating procedures. See Part 8 for personal protective measures. Avoid contact with strong acid, alkali and other forbidden compounds (see Part 10 for forbidden compounds). Handle with care to prevent damage to packaging and containers. Eating and drinking are prohibited in the workplace. Keep away from kindling and heat sources. Smoking is strictly prohibited in the workplace. Fire fighting equipment and leakage emergency treatment equipment of corresponding varieties and quantities shall be provided.

Storage considerations: Store in a cool and ventilated warehouse. The warehouse temperature should not exceed 37°C. It should be stored separately from oxidants and edible chemicals, and should not be mixed (see Part 10 for prohibited substances). Keep container sealed. Keep away from kindling and heat source. The warehouse must be installed with lightning protection equipment. The exhaust system shall be equipped with a grounding device to conduct static electricity, explosion proof lighting and ventilation are adopted. It is prohibited to use equipment and tools that are easy to generate sparks. The storage area shall be equipped with leakage emergency treatment equipment and appropriate materials.

Section 8: Exposure Controls/Personal Protection

Appropriate engineering controls: It is recommended to separate the workplace from other workplaces. Strengthen ventilation. Set up red area warning lines, warning signs and warning instructions in Chinese, and set up a communication alarm system. The exhaust system shall be equipped with a grounding device to conduct static electricity. It is prohibited to use equipment and tools that are easy to generate sparks. Emergency evacuation channels and necessary danger relief areas shall be set up. Provide safety shower and eyewash equipment.

Respiratory system protection: If the concentration in the air exceeds the standard, wear a filter type gas mask (half mask). In case of emergency rescue or evacuation, an air breathing apparatus should be worn.

Eye/face protection: Wear chemical safety protective eyes

Hand protection: Wear rubber oil resistant gloves.

Body Protection: Wear anti-poison penetration work clothes.

Other Protection: Smoking, eating and drinking are prohibited at the work site.

Section 9: Physical and Chemical Properties

Appearance and character: Grayish white to yellowish brown powder

Water solubility: Soluble in ethanol, acetone, slightly soluble in water

Flammability: Non flammable

Section 10: Stability and Reactivity

Chemical stability: Sealed storage, stable product

Sensitization by cumulative skin irritation: Strong oxidant, strong acid, strong base, etc.

Polymerization hazard: High pressure, high heat, open flame, etc

Aggregating harm: No data available

Cleavage product: Natural decomposition, product unknown.

Section 11: Toxicological Information

Acute toxicity: No data available. Biodegradability: No data available. Antigenicity Studies: No data available. Repeated immersion skin toxicity test: No data available. Genotoxicity: No data available.

Section 12: Ecological Information

Ecotoxicity: No data available. Biodegradability: No data available. Non biodegradable: No data available. Biological concentration or biological accumulation: No data available.

Section 13: Disposal Considerations

Waste disposal: Waste generation should be avoided or minimized. Surplus products and non recyclable products shall be disposed of by licensed waste disposal contractors. **Contaminated packaging:** Return the container to the manufacturer or dispose of it according to national and local regulations. **Precautions for disposal:** Relevant national and local laws and regulations should be referred to before disposal. See Section 8 for safety precautions for disposal personnel.

Section 14: Transport Information

UN number: None **HS code:** None **Packing mark:** No data available **Packing method:** Pack as instructed by the manufacturer.

Transport: Transport vehicles shall be equipped with fire fighting equipment of corresponding types and quantities and leakage emergency treatment equipment. It is strictly prohibited to mix with oxidants, edible chemicals, etc. The exhaust pipe of the vehicle carrying this item must be equipped with a fire retardant device. When using tank (tank) trucks for transportation, there should be a grounding chain, and a hole partition can be set in the tank to reduce static electricity generated by vibration. It is prohibited to use mechanical equipment and tools that are easy to generate sparks for loading and unloading. It is better to transport in the morning and evening in summer. During transportation, it shall be protected from exposure to sun, rain and high temperature. Keep away from kindling, heat source and high temperature area during stopover. Road transportation shall be carried out according to the specified route, and shall not stay in residential areas and densely populated areas. It is forbidden to slip during railway transportation. It is strictly prohibited to use wooden ships or cement ships for bulk transportation.

Danger signs and announcements shall be posted on the means of transport according to relevant transport requirements.

Section 15: Regulatory Information

Regulatory information: This safety data sheet complies with (EC) No. 1907/2006 Rules/regulations specific to the safety, health and environment of this substance or mixture.

Chemical safety assessment: List of toxic chemicals whose import and export are strictly restricted in China: not included

OSHA: OSHA Hazard Communication Standard Status: According to OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200, this product is not a hazardous substance.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III.

SARA 313 Ingredients (List of Specific Toxic Chemicals): This material does not contain CAS number whose chemical composition content exceeds the threshold (minimum) reporting level specified in SARA-313.

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

Section 16: Other Information

Preparation and revision of information: This is version 1.0 in compliance with GB/T 16483-2008, GB/T 17519-2013 and GB 30000 classification standards.

Abbreviations and acronyms: CAS: CAS login number

References: 【1】 International Chemical Safety Program: International Chemical Safety Card (ICSC) website: <http://www.ilo.org/dyn/icsc/showcard.home>

【2】 International Agency for Research on Cancer, website: <http://www.iarc.fr/>

【3】 OECD Global Chemicals Information Platform website:
http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

【4】 CAMEO Chemical Substances Database, USA, website:
<http://cameochemicals.noaa.gov/search/simple>

【5】 American Library of Medicine: Chemical Identification Database website:
<http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>

【6】 United States Environmental Protection Agency: Integrated Hazard Information System, website: <http://cfpub.epa.gov/iris/>

【7】 US Department of Transportation: Emergency Response Guide, website:
<http://www.phmsa.dot.gov/hazmat/library/erg>

【8】 German GESTIS Hazardous Substances Database, website: <http://gestis-en.itrust.de/>

【9】 The list of toxic chemicals whose import and export are strictly restricted in China, https://www.sohu.com/a/212301810_99907739

【10】 Directory of Existing Chemical Substances in China, website:
<https://www.doc88.com/p-9406652919137.html>

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. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.