



240 South Main St. Unit A
South Hackensack, NJ, 07606
201-457-1995
www.africainports.com

SAFETY DATA SHEET (SDS)

DATE: March 18, 2020

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Kale Powder (organic)

Other name(s): Brassica oleracea acephala

Recommended use of the chemical and restrictions on use: Food ingredient

2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Dangerous Goods Code (Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to 29 CFR 1910.1200 paragraph (d); NON-HAZARDOUS SUBSTANCE.

Poisons Schedule (SUSMP): None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Hazard Codes
Organic Kale Powder	N/A	100 %	-

4. FIRST AID MEASURES

For advice, contact a Poisons Information Center or call a doctor.



240 South Main St. Unit A
South Hackensack, NJ, 07606
201-457-1995
www.africainports.com

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist

Skin Contact:

Although skin contact is unlikely to cause problems, if irritation from skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact:

If in eyes, wash out immediately with water for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion:

Although swallowing is unlikely to cause problems, it is a sensible precaution to rinse the mouth with water and give a glass of water to drink.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder). For safety reasons do not use full water jet.

Specific hazards arising from the substance or mixture:

Not Hazardous

Special protective equipment and precautions for fire-fighters:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing to prevent exposure to vapors or contact with eyes and skin.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/Environmental precautions:

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or gutters. If contamination of sewers or waterways has occurred advise local emergency services.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Wear protective equipment to prevent skin and eye contact and breathing in dust. Evacuate the area Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labeled containers or drums for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:

Provide suitable air extraction ventilation in work areas. Avoid skin and eye contact and breathing in dust. In common with many organic chemicals, may form flammable dust clouds in air. For precautions necessary refer to Safety Data Sheet "Dust Explosion Hazards"

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated area and out of direct sunlight. Keep containers closed when not in use - check regularly for spills. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flames or static discharges).



240 South Main St. Unit A
South Hackensack, NJ, 07606
201-457-1995
www.africainports.com

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

As published by Safe Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Appropriate engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in used.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection Guide No. 1, 1998: E - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.



Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If determined by a risk assessment an inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Powder
Color:	Fine green
Odor:	Characteristic
Solubility:	Partly Soluble in water.
Specific Gravity:	Not available
Relative Vapor Density (air=1):	Not available
Vapor Pressure (20 °C):	Not available
Flash Point (°C):	Not applicable
Flammability Limits (%):	Not available
Auto ignition Temperature (°C):	Not available
Melting Point/Range (°C):	Not applicable
Decomposition Point (°C):	Not available
pH:	Not available



240 South Main St. Unit A
South Hackensack, NJ, 07606
201-457-1995
www.africainports.com

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use. No known safety issues which may arise should the product change in physical appearance.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Avoid dust generation and sources of ignition.
Incompatible materials:	None known.
Hazardous decomposition products:	Will not decompose if stored and used in accordance with the instructions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	No adverse effects expected.
Eye contact:	May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
Skin contact:	Contact with skin may result in irritation, although it is not expected.
Inhalation:	Breathing in dust may result in respiratory irritation.
Acute toxicity:	No LD50 data available for the product.
Chronic effects:	No chronic effects reported.

The product has not been listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition), or been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest editions), or found to be a potential carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways.
--------------------	--------------------------------

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Dangerous Goods Code (Code) for transport by Road and Rail; NON-DANGEROUS GOODS.



240 South Main St. Unit A
South Hackensack, NJ, 07606
201-457-1995
www.africainports.com

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION**Classification:**

Based on available information, not classified as hazardous according to Safe Work Standards; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule (SUSMP): None allocated.

This material is listed on the Inventory of Chemical Substances (ICS).

16. OTHER INFORMATION**Reason(s) for Issue:**

First revision Primary SDS

This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace.