

1. Identification of the substance and of the company

Product name	Bissap seed oil cold pressed
INCI Name	Hibiscus sabdariffa seed oil
Application	Cosmetics, skin care, aromatherapy, parapharmacy
Supplier	SOPREEF
Address	BP 53, Sokone, Sénégal sopreef@vivredurable.net

2. Hazard Identification

Eye contact	Not expected to be an irritant
Skin contact	Not expected to be an irritant
Ingestion	Food grade
Inhalation	No known hazard

3. Composition/Information on ingredients

INCI	Hibiscus sabdariffa seed oil (100%)
CAS	84775-96-2
EINECS	283-920-7
Status	Fixed oil
Origin	Senegal

4. First aid measures

Eye contact	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin contact	Wash with soap and water- get medical attention if irritation persists.
Ingestion	N/A
Inhalation	N/A

In case of doubt or if irritation and symptoms persist, seek medical advice.

5. Fire Fighting Measures

Extinguishing media recommended:

Suitable	Carbon dioxide dry powder or foam, sand.
Unsuitable	Water (can help spread the flame).
Fire protection	Keep away from, and avoid contact with, flames and sparks. Do not smoke
Extinguishing procedures	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

Personal precautions	Be careful of slipping after spill or leak.
Prevention	Contain and absorb leaks with non-combustible absorbent materials, such as sand, soil, vermiculite and diatomaceous earth in the barrels for waste disposal. Contain spillage with sawdust. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
Environment protection	Do not allow to enter drains of water sources.
Cleaning up methods for spillages	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water and detergents. Do not use solvents. Observe state, federal and local disposal regulations.

7. Handling and storage

Handling	Use only equipment resistant to vegetable oils, avoid leaks and ensure it does not soak into the floor Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.
Storage	Keep in tightly sealed containers, in an inert atmosphere and away from light, heat and moisture. Keep air contact to a minimum Keep away from and avoid contact with flames, sparks or strong oxidizing agents

8. Exposure Control/Personal protection

Respiratory protection	No special measures under normal use
Hand protection	Gloves should be worn
Eye protection	Safety glasses if there is a risk of splashing
Other protective equipment	Slip proof shoes may be worn where spills may occur
Work/hygiene practices	Wash hands with soap & water after handling.

9. Physical and chemical properties

Physical state	Oil
Varieties	HSS : Sabdariffa (red calyx, brown seeds) HSA : Altissima (green calyx, white seeds)
Odour	Mild, Sweet, Nutty Aroma
Colour	Light brown (var sabdariffa) to dark green (var altissima)
Refractive index	1.468
Specific gravity	0.875
Water solubility	Insoluble
Acid value	23.1 (HSA) – 18.2 (HSS) mg KOH/g oil

Peroxide value	0.28 (HSA) - 0.14 (HSS) meq O ₂ /kg
Iodine value	90.4 (HSA) – 90.9 (HSS) I ₂ /100g oil
Saponification value	132 (HSS)-145 (HSA)
Flash point	175°C
Solidification point	-16°C
Typical shelf live	18 months
Composition	Rich in vitamin E

10. Stability and reactivity

- Generally stable under the recommended storage conditions, can go rancid on exposure to excessive air and heat.
- Avoid strong acids, alkali, oxidizing agents or heat.
- Decomposition : none (thermal decompositions products are H₂O and CO₂)

11. Toxicological Information

Contains no substances classified as dangerous according to Directive 1272/2008

Acute LD50	no data available
Dermal and eye irritation	no data available
Carcinogenicity, Mutagenicity	no data available

12. Ecological information

This product has not been subjected to ecotoxicological testing. Water insoluble.

Ecotoxicity	Not available
Biodegradability	Expected to be biodegradable and unlikely to accumulate in aquatic environment. Discharge of large quantities into aquatic environment may kill fish and other organisms by oxygen depletion
Precautions	Prevent surface contamination of soil, ground & surface water

13. Disposal Consideration

Do not pour into drains or into water sources.

Incineration	Incinerate in accordance with local regulations.
Disposing of used containers	Observe the local regulations

14. Transport Information

- Transport the product in accordance with ADR for road transport, RID for rail transport, IMDG for sea transport and ICAO/IATA for air transport. Not classified as hazardous for transport
- General: Not regarded as hazardous material.

15. Regulatory Information

According to Directive 88/379/EEC :

Hazards	N/A
Symbols	N/A
Risk Phrases	N/A
Safety phrases	N/A

16. Other information

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