

Material Safety Data Sheet

Version: 01

Revision Date : 5-8-2025

Section 1. Product Information and Company Identification

Product name	Shea Butter		
Mol. formula	-	CAS No.	194043-92-0
Mol.wt	-		
manufacturer name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	0 12 05700001		

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Concentrated product. Observe good housekeeping procedures.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Shea Butter	194043-92-0	100

SECTION 4: FIRST AID MEASURES

If inhaled

Not applicable.

In case of skin contact

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

If swallowed

Rinse mouth out with water. Seek medical advice immediately.

Other

When assessing action take Risk & Safety Phrases into account (Section 15)

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing media

Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special measures

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. 5.3 Advice for firefighters

Extinguishing procedures

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Environmental precautions

Keep away from drains, soils, surface & ground waters.

Methods and materials for containment and cleaning up

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 & detergents. Observe state, federal & local disposal regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum.

Fire protection

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection

Avoid breathing product vapour. Apply local ventilation where possible.

Ventilation

Ensure good ventilation of working area.

Hand protection

Avoid all skin contact. Use chemically resistant gloves if required.

Eye protection

Use safety glasses.

Work/hygiene protection

Wash hands with soap & water after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

a) Appearance	Form: Solid/ pasty wax Color: Ivory white
b) Odor	Free from rancid and foreign odours
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	>200 °C
h) Evaporation rate	No data available
i) Flammability (solid,gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
u) Acid value	1.0 max
v) Iodine value 54 –	68
w) Saponification value 172 –	192
x) Unsaponifiables	6.0 max
y) Peroxide value	5.0 max

9.2 Other safety information

No data available

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

Hazardous decomposition products

Thermal decomposition products are H₂O and CO₂

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects**Acute toxicity**

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

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

Aspiration hazard

No data available

Additional Information

No data available

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability

Readily biodegradable

Precautions

Prevent surface contamination of soil, ground & surface water.

SECTION 13: DISPOSAL CONSIDERATION

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards



ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION

Hazards

n/a

Symbol

n/a

Risk hrases

n/a

Saftey phrases

n/a

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