

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : KIGELINE

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Product for industrial use only
Function or use category : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Charkit CHemical Company LLC
32 Haviland Street, Unit 1
Norwalk, CT 06850
203-299-3220
sales@charkit.com

1.4. Emergency telephone number

CHEMTREC: +1 800-424-9300 (US) / +1 703-527-3887 (Int'l)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
KIGELIA AFRICANA FRUIT EXTRACT	(CAS No) 223749-33-5	50	Not classified
Butylene glycol	(CAS No) 107-88-0 (EC no) 203-529-7 (REACH-no) 01-2119455875-25	50	Not classified

Full text of H-phrases: see section 16

KIGELINE

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Remove contaminated clothing.
First-aid measures after inhalation	: Allow breathing of fresh air.
First-aid measures after skin contact	: Wash skin with mild soap and water.
First-aid measures after eye contact	: Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes.
First-aid measures after ingestion	: Rinse mouth out with water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
-------------------	--

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: carbon dioxide (CO ₂), foam, hazy water, powder.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No open fire, no smoking.
-------------	-----------------------------

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.
Other information	: Prevent fire-fighting water from entering environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
------------------	---

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing.
Emergency procedures	: Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Liquid spill: take up in sand, earth, vermiculite.
Methods for cleaning up	: Place in an appropriate container and dispose of the contaminated material at a licensed site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Do not eat, drink or smoke when using this product. Caution : this product can cause the floor to be slippery.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in tightly closed packings.
Storage temperature	: 10 - 20 °C
Storage area	: Store away from heat/moisture.
Packaging materials	: Always keep in containers made of the same material as the supply container.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

KIGELINE

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Additional information : No additional information available

8.2. Exposure controls

Personal protective equipment : Protective clothing. In case of splash hazard: safety glasses. On heating: insulated gloves.

Eye protection : In case of splash hazard: safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : No specific measures are necessary



Thermal hazard protection : On heating: insulated gloves.

Consumer exposure controls : Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: brown.
Odour	: weak.
Odour threshold	: No data available
pH	: 5 - 7
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Density	: 1,01 - 1,03 @ 20°C
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Additional information : No supplementary information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

No additional information available.

KIGELINE

Safety Data Sheet

according to Regulation (EC) No. 453/2010

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

KIGELINE	
LD50 oral rat	> 2000 mg/kg OCDE 401

Butylene glycol (107-88-0)	
LD50 oral rat	18610 mg/kg
LD50 dermal rabbit	> 20000 mg/kg
LC50 inhalation rat (mg/l)	5000 mg/m ³ IUCLID ECB (2000) & U.S. EPA/HPV Symth,1951

Skin corrosion/irritation : Not irritating to skin (OCDE 404)
pH: 5 - 7

Serious eye damage/irritation : Not irritant to eyes (OCDE 405)
pH: 5 - 7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not mutagenic (OCDE 471)

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Butylene glycol (107-88-0)	
LC50 fish 1	8984 mg/l 96 h - (estimated) U.S.EPA/HPV, ECOSAR-EPIWIN v 3.05
EC50 Daphnia 1	7344 mg/l 48 h - (estimated) U.S.EPA/HPV, ECOSAR-EPIWIN v 3.05
EC50 other aquatic organisms 1	1070 mg/l 72h Alguea

12.2. Persistence and degradability

KIGELINE	
Persistence and degradability	Readily biodegradable.

Butylene glycol (107-88-0)	
Persistence and degradability	Product is biodegradable.81%(28d), (OCDE 301B).
BOD (% of ThOD)	81 % ThOD

12.3. Bioaccumulative potential

KIGELINE	
BCF fish 1	≈
Bioaccumulative potential	No additional information available.

Butylene glycol (107-88-0)	
Log Pow	< 0 (OECD 117)
Bioaccumulative potential	No specific risk for the environment.

12.4. Mobility in soil

Butylene glycol (107-88-0)	
Ecology - soil	Very mobile in the ground.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

KIGELINE

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Waste treatment methods	: Collect all waste in suitable and labelled containers and dispose according to local legislation.
Ecology - waste materials	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No dangerous good in sense of transport regulations.

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

KIGELINE

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information

: **DISCLAIMER OF LIABILITY** The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product