

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

1 Identification

- **Product identifier**
- **Trade name:** Sebastian Dark Oil
- **Article number:** 97402780
- **Application of the substance / the mixture** Hair care products
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Coty Cosmetics, Inc.
4500 Park Granada
Calabasas, CA 91302
USA
- **Information department:** Coty SDS Info Team
- **Emergency telephone number:**
CHEMTREC Emergency number: +1-703-527-3887
CHEMTREC US/NA Emergency number(toll free): 800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Flam. Liq. 4 H227 Combustible liquid.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**
Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated
- **Hazard statements**
Combustible liquid.
Harmful if inhaled.
- **Precautionary statements**
Keep away from flames and hot surfaces. – No smoking.
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
In case of fire: Use for extinction: CO2, powder or water spray.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 2
Reactivity = 0

(Contd. on page 2)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 1)

· **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	2	Fire = 2
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

541-02-6	Cyclopentasiloxane	76.5%
93685-81-5	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated	9.295%

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 2)

Ensure adequate ventilation.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· **Protective Action Criteria for Chemicals**

· **PAC-1:**

70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	190 mg/m ³
91-64-5	Coumarin	0.88 mg/m ³
5989-27-5	Limonene	15 ppm
4602-84-0	Farnesol	18 mg/m ³
120-51-4	Benzyl benzoate	5.7 mg/m ³

· **PAC-2:**

70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	2,100 mg/m ³
91-64-5	Coumarin	9.7 mg/m ³
5989-27-5	Limonene	67 ppm
4602-84-0	Farnesol	200 mg/m ³
120-51-4	Benzyl benzoate	63 mg/m ³

· **PAC-3:**

70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	13,000 mg/m ³
91-64-5	Coumarin	58 mg/m ³
5989-27-5	Limonene	170 ppm
4602-84-0	Farnesol	1,200 mg/m ³
120-51-4	Benzyl benzoate	380 mg/m ³

7 Handling and storage

· **Handling:**

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

· **Storage class:** 10

· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 3)

- At this time, the other constituents have no known exposure limits.*
- **Additional information:** *The lists that were valid during the creation were used as basis.*
 - **Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:** *Wash hands before breaks and at the end of work.*
 - **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
 - **Protection of hands:**



Protective gloves

- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **Eye protection:** *Goggles recommended during refilling.*

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Fluid
Color:	Colorless
Odor:	Characteristic
Odor threshold:	Not determined.

· **pH-value:** Not determined.

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

· **Flash point:** 70 °C (158 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Not determined.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· **Vapor pressure:** Not determined.

· **Density:** Not determined.

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 4)

· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	9.3 %
VOC content:	9.30 %
	93.0 g/l / 0.78 lb/gal
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

541-02-6 Cyclopentasiloxane

Oral	LD50	>5,000 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	mg/l (rat) (air (OECD 403))

93685-81-5 Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated

Oral	LD50	>5,000 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	>15 mg/l (rat) (air (//OECD 403))

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** Harmful

- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

91-64-5	Coumarin	3
5989-27-5	Limonene	3
97-53-0	Eugenol	3

(Contd. on page 6)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 5)

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Water hazard class 1 (Self-assessment): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number
· DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name
· DOT, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es)
· DOT, ADN, IMDG, IATA
· Class | not regulated |
| · Packing group
· DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

US

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 6)

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

541-02-6	Cyclopentasiloxane	ACTIVE
70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	ACTIVE
5466-77-3	Ethylhexyl Methoxycinnamate	ACTIVE
101-86-0	Hexyl cinnamal	ACTIVE
91-64-5	Coumarin	ACTIVE
106-22-9	Citronellol	ACTIVE
68990-83-0	Juniperus Mexicana oil	ACTIVE
78-70-6	Linalool	ACTIVE
5989-27-5	Limonene	ACTIVE
8024-35-9	Sandalwood oil, Western Australia	ACTIVE
97-53-0	Eugenol	ACTIVE
4602-84-0	Farnesol	ACTIVE
106-24-1	Geraniol	ACTIVE
120-51-4	Benzyl benzoate	ACTIVE
5392-40-5	Citral	ACTIVE
122-40-7	Amyl cinnamal	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/27/2019

Reviewed on 03/27/2019

Trade name: L-Si-H (90% DC1501) Sebastian Bangladesh

(Contd. of page 7)

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated

· **Hazard statements**

Combustible liquid.

Harmful if inhaled.

· **Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a poison center/doctor if you feel unwell.

In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Abteilung Umweltschutz

· **Contact:** Hr. Dr. Speckbacher

· **Date of preparation / last revision** 03/27/2019 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4