

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

## 1 Identification

- **Product identifier**
- **Trade name:** Sebastian Shaper 55VOC
- **Article number:** 97059189
- **Application of the substance / the mixture** Hair styling product
- **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**



GHS02 Flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.

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

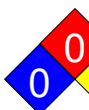


GHS02



GHS04

- **Signal word** Danger
- **Hazard statements**  
Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.
- **Precautionary statements**  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
Protect from sunlight. Store in a well-ventilated place.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 3

(Contd. on page 2)

US

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC

(Contd. of page 1)

### · HMIS-ratings (scale 0 - 4)

HEALTH	*0	Health = *0
FIRE	0	Fire = 0
REACTIVITY	3	Reactivity = 3

- **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:

64-17-5	ethyl alcohol	>50-≤100%
75-37-6	1,1-difluoroethane	>25-≤50%

## 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **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:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

## 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:** 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.

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC

(Contd. of page 2)

### · Protective Action Criteria for Chemicals

#### · PAC-1:

64-17-5	ethyl alcohol	1,800 ppm
75-37-6	1,1-difluoroethane	10,000 ppm
56-81-5	glycerol	45 mg/m <sup>3</sup>
71-36-3	n-Butyl alcohol	60 ppm
102-60-3	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	34 mg/m <sup>3</sup>
124-68-5	Aminomethyl Propanol	17 mg/m <sup>3</sup>
75-65-0	2-methylpropan-2-ol	150 ppm
120-51-4	Benzyl benzoate	5.7 mg/m <sup>3</sup>
5989-27-5	Limonene	15 ppm
93-58-3	methyl benzoate	1.1 ppm
99-87-6	p-cymene	120 mg/m <sup>3</sup>
100-51-6	Benzyl alcohol	30 ppm

#### · PAC-2:

64-17-5	ethyl alcohol	3300* ppm
75-37-6	1,1-difluoroethane	15,000 ppm
56-81-5	glycerol	180 mg/m <sup>3</sup>
71-36-3	n-Butyl alcohol	800 ppm
102-60-3	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	370 mg/m <sup>3</sup>
124-68-5	Aminomethyl Propanol	190 mg/m <sup>3</sup>
75-65-0	2-methylpropan-2-ol	1,300 ppm
120-51-4	Benzyl benzoate	63 mg/m <sup>3</sup>
5989-27-5	Limonene	67 ppm
93-58-3	methyl benzoate	12 ppm
99-87-6	p-cymene	1,300 mg/m <sup>3</sup>
100-51-6	Benzyl alcohol	52 ppm

#### · PAC-3:

64-17-5	ethyl alcohol	15000* ppm
75-37-6	1,1-difluoroethane	25,000 ppm
56-81-5	glycerol	1,100 mg/m <sup>3</sup>
71-36-3	n-Butyl alcohol	8000** ppm
102-60-3	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	2,200 mg/m <sup>3</sup>
124-68-5	Aminomethyl Propanol	570 mg/m <sup>3</sup>
75-65-0	2-methylpropan-2-ol	8000* ppm
120-51-4	Benzyl benzoate	380 mg/m <sup>3</sup>
5989-27-5	Limonene	170 ppm
93-58-3	methyl benzoate	42 ppm
99-87-6	p-cymene	1,900 mg/m <sup>3</sup>
100-51-6	Benzyl alcohol	740 ppm

US

(Contd. on page 4)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC

(Contd. of page 3)

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 2 B
- **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:**

### 64-17-5 ethyl alcohol

PEL	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
TLV	Short-term value: 1880 mg/m <sup>3</sup> , 1000 ppm

- **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:** Not required.
- **Protection of hands:**  
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:** Not required.

US

(Contd. on page 5)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC

(Contd. of page 4)

## 9 Physical and chemical properties

· <b>Information on basic physical and chemical properties</b>	
· <b>General Information</b>	
· <b>Appearance:</b>	
<b>Form:</b>	Aerosol
<b>Color:</b>	According to product specification
· <b>Odor:</b>	Characteristic
· <b>Odor threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Not applicable, as aerosol.
· <b>Flash point:</b>	Not applicable, as aerosol.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Not determined.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b> Not determined.	
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	55.5 %
<b>Water:</b>	0.3 %
<b>VOC content:</b>	54.91 %
	549.1 g/l / 4.58 lb/gal
<b>Solids content:</b>	0.0 %
· <b>Other information</b>	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.

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC

(Contd. of page 5)

- **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:**

**64-17-5 ethyl alcohol**

Oral	LD50	10,470 mg/kg (rat) (bw (OECD 401))
Inhalative	LC50/4 h	116.9 mg/l (rat) (air (//OECD 403))

**75-37-6 1,1-difluoroethane**

Inhalative	LC50/4 h	977 mg/l (mouse)
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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

- **Carcinogenic categories**

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

64-17-5	ethyl alcohol	1
5989-27-5	Limonene	3
97-53-0	Eugenol	3

- **NTP (National Toxicology Program)**

93-08-3	Methyl beta-naphthyl ketone	R
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- **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.

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC



(Contd. of page 6)

· **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

<ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>	<p style="text-align: center;">UNI950</p>
<ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	<p style="text-align: center;">Aerosols, flammable AEROSOLS AEROSOLS, flammable</p>
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p style="text-align: center;">2.1 2.1</p>
<ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p style="text-align: center;">2.1 2.1</p>
<ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>	<p style="text-align: center;">not regulated</p>
<ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> </ul>	<p style="text-align: center;">Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Hazard identification number (Kemler code):</b> -</li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Code</b></li> </ul>	<p style="text-align: center;">Warning: Gases</p> <p style="text-align: center;">F-D,S-U</p> <p style="text-align: center;">SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.</p>
<ul style="list-style-type: none"> <li>· <b>Segregation Code</b></li> </ul>	<p style="text-align: center;">SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.</p>

(Contd. on page 8)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: Sebastian Shaper 55VOC

(Contd. of page 7)

	For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

## 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):		
71-36-3	n-Butyl alcohol	
75-65-0	2-methylpropan-2-ol	
· TSCA (Toxic Substances Control Act):		
64-17-5	ethyl alcohol	ACTIVE
75-37-6	1,1-difluoroethane	ACTIVE
25119-68-0	2-Butenedioic acid (2Z)-, 1-butyl ester, polymer with methoxyethene	ACTIVE
56-81-5	glycerol	ACTIVE
71-36-3	n-Butyl alcohol	ACTIVE
102-60-3	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
70801-07-9	2-Propenoic acid, 2-methyl-, 2-[(1,1-dimethylethyl)amino]ethyl ester, polymer with methyl 2-methyl-2-propenoate, 1,2-propanediol mono(2-methyl-2-propenoate), 2-propenoic acid and N-(1,1,3,3-tetramethylbutyl)-2-propenamide	ACTIVE
61790-81-6	Lanolin, ethoxylated	ACTIVE
124-68-5	Aminomethyl Propanol	ACTIVE
16485-10-2	Butanamide, 2,4-dihydroxy-N-(3-hydroxypropyl)-3,3-dimethyl-	ACTIVE
75-65-0	2-methylpropan-2-ol	ACTIVE
5466-77-3	Ethylhexyl Methoxycinnamate	ACTIVE
60-12-8	Phenethyl alcohol	ACTIVE
107-75-5	Hydroxycitronellal	ACTIVE
78-70-6	Linalool	ACTIVE

(Contd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

**Trade name: Sebastian Shaper 55VOC**

(Contd. of page 8)

70729-87-2	Isooctadecanoic acid, compd. with N,N-dimethyl-1-dodecanamine (1:1)	INACTIVE
118-58-1	benzyl salicylate	ACTIVE
127-51-5	alpha-iso-Methylionone	ACTIVE
122-40-7	Amyl cinnamal	ACTIVE
106-24-1	Geraniol	ACTIVE
106-22-9	Citronellol	ACTIVE
101-86-0	Hexyl cinnamal	ACTIVE
1222-05-5	Abbalide	ACTIVE
111879-80-2	(12E)-1-oxacyclohexadec-12-en-2-one	ACTIVE
78-36-4	Linalyl butyrate	ACTIVE
87-44-5	beta-Caryophyllene	ACTIVE
93-08-3	Methyl beta-naphthyl ketone	ACTIVE
93-92-5	alpha-Methylbenzyl acetate	ACTIVE
99-85-4	p - mentha - 1,4 - diene	ACTIVE

· **Hazardous Air Pollutants**

93-08-3 Methyl beta-naphthyl ketone

· **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:**

64-17-5 ethyl alcohol

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

71-36-3 n-Butyl alcohol

D

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

64-17-5 ethyl alcohol

A3

75-65-0 2-methylpropan-2-ol

A4

127-91-3 beta-Pinene

A4

· **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).

· **Hazard pictograms**



GHS02 GHS04

· **Signal word** Danger

· **Hazard statements**

Extremely flammable aerosol.

(Contd. on page 10)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

**Trade name: Sebastian Shaper 55VOC**

(Contd. of page 9)

*Contains gas under pressure; may explode if heated.*

· **Precautionary statements**

*Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*

*Do not spray on an open flame or other ignition source.*

*Pressurized container: Do not pierce or burn, even after use.*

*Protect from sunlight. Store in a well-ventilated place.*

*Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.*

· **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** *02/18/2020 / -*

· **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. Aerosol 1: Aerosols – Category 1*

*Press. Gas: Gases under pressure – Compressed gas*