

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

1 Identification

- **Product identifier**
- **Trade name:** Sebastian Re Shaper
- **Article number:** 99210012630
- **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

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· 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%
124-68-5	Aminomethyl Propanol	≤2.5%

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.

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· Protective Action Criteria for Chemicals

· PAC-1:

64-17-5	ethyl alcohol	1,800 ppm
75-37-6	1,1-difluoroethane	10,000 ppm
124-68-5	Aminomethyl Propanol	17 mg/m ³
1863-63-4	ammonium benzoate	2.5 mg/m ³
100-51-6	Benzyl alcohol	30 ppm
120-51-4	Benzyl benzoate	5.7 mg/m ³
4602-84-0	Farnesol	18 mg/m ³
5989-27-5	Limonene	15 ppm

· PAC-2:

64-17-5	ethyl alcohol	3300* ppm
75-37-6	1,1-difluoroethane	15,000 ppm
124-68-5	Aminomethyl Propanol	190 mg/m ³
1863-63-4	ammonium benzoate	27 mg/m ³
100-51-6	Benzyl alcohol	52 ppm
120-51-4	Benzyl benzoate	63 mg/m ³
4602-84-0	Farnesol	200 mg/m ³
5989-27-5	Limonene	67 ppm

· PAC-3:

64-17-5	ethyl alcohol	15000* ppm
75-37-6	1,1-difluoroethane	25,000 ppm
124-68-5	Aminomethyl Propanol	570 mg/m ³
1863-63-4	ammonium benzoate	160 mg/m ³
100-51-6	Benzyl alcohol	740 ppm
120-51-4	Benzyl benzoate	380 mg/m ³
4602-84-0	Farnesol	1,200 mg/m ³
5989-27-5	Limonene	170 ppm

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

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· **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/m³, 1000 ppmREL Long-term value: 1900 mg/m³, 1000 ppmTLV Short-term value: 1880 mg/m³, 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.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

Form: Aerosol

Color: According to product specification

· **Odor:** Characteristic· **Odor threshold:** Not determined.· **pH-value:** Not determined.· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Not applicable, as aerosol.

· **Flash point:** Not applicable, as aerosol.· **Flammability (solid, gaseous):** Not applicable.· **Ignition temperature:** 425 °C (797 °F)

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· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	3.5 Vol %
Upper:	20.2 Vol %
· Vapor pressure at 20 °C (68 °F):	5,100 hPa (3.800 mm Hg)
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not applicable.
· 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:	54.6 %
Water:	9.2 %
VOC content:	54.56 %
	545.6 g/l / 4.55 lb/gal
Solids content:	1.4 %
· 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:		
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))

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75-37-6 1,1-difluoroethane

Inhalative LC50/4 h 977 mg/l (mouse)

124-68-5 Aminomethyl Propanol

Oral LD50 2,900 mg/kg (rat) (bw (//OECD 401))

Dermal LD50 >2,000 mg/kg (rabbit) (bw (//OECD 402))

- **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

· **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.

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14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA 	<p style="margin: 0;">UN1950</p>	
<ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG · IATA 	<p style="margin: 0;">Aerosols, flammable AEROSOLS AEROSOLS, flammable</p>	
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT 	<div style="text-align: center; margin-bottom: 10px;">  </div> <ul style="list-style-type: none"> · Class · Label 	<p style="margin: 0;">2.1 2.1</p>
<ul style="list-style-type: none"> · IMDG, IATA 	<div style="text-align: center; margin-bottom: 10px;">  </div> <ul style="list-style-type: none"> · Class · Label 	<p style="margin: 0;">2.1 2.1</p>
<ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA 	<p style="margin: 0;">not regulated</p>	
<ul style="list-style-type: none"> · Environmental hazards: 	<p style="margin: 0;">Not applicable.</p>	
<ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): - · EMS Number: · Stowage Code 	<p style="margin: 0;">Warning: Gases</p> <p style="margin: 0;">F-D,S-U</p> <p style="margin: 0;">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"> · Segregation Code 	<p style="margin: 0;">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. 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.</p>	
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	<p style="margin: 0;">Not applicable.</p>	
<ul style="list-style-type: none"> · Transport/Additional information: · DOT · Quantity limitations 	<p style="margin: 0;">On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg</p>	

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· 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):**

None of the ingredients is listed.

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

64-17-5	ethyl alcohol	ACTIVE
75-37-6	1,1-difluoroethane	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
124-68-5	Aminomethyl Propanol	ACTIVE
1863-63-4	ammonium benzoate	ACTIVE
68938-54-5	Siloxanes and silicones, dimethyl,3-hydroxypropyl methyl, ethers with polyethylene glycol monomethyl ether	ACTIVE
142-26-7	N-2-hydroxyethylacetamide	ACTIVE
81-13-0	Panthenol	ACTIVE
77-93-0	triethyl citrate	ACTIVE
100-51-6	Benzyl alcohol	ACTIVE
101-86-0	Hexyl cinnamal	ACTIVE
118-58-1	benzyl salicylate	ACTIVE
122-40-7	Amyl cinnamal	ACTIVE
106-22-9	Citronellol	ACTIVE
107-75-5	Hydroxycitronellal	ACTIVE
78-70-6	Linalool	ACTIVE
120-51-4	Benzyl benzoate	ACTIVE
106-24-1	Geraniol	ACTIVE
4602-84-0	Farnesol	ACTIVE
5989-27-5	Limonene	ACTIVE
5392-40-5	Citral	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

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· **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)**

None of the ingredients is listed.

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

64-17-5 ethyl alcohol

A3

· **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.

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

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*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*

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