

## Rapid Dark Spot Correcting Serum

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 08/06/2020

#### SECTION 1: Identification

##### 1.1. Identification

Product form : Mixture  
Trade name : Rapid Dark Spot Correcting Serum  
Product code : 1140-36

##### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cosmetics

##### 1.3. Supplier

Murad, LLC  
2121 Park Place, 1st Floor  
El Segundo, CA 90245  
T (310) 726-0600  
[www.murad.com](http://www.murad.com)

##### 1.4. Emergency telephone number

Emergency number : (310) 726-0600

#### SECTION 2: Hazard(s) identification

##### 2.1. Classification of the substance or mixture

###### GHS US classification

Flammable liquids Category 3 H226 Flammable liquid and vapor

Full text of H statements : see section 16

##### 2.2. GHS Label elements, including precautionary statements

###### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning  
Hazard statements (GHS US) : H226 - Flammable liquid and vapor  
Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

##### 2.3. Other hazards which do not result in classification

No additional information available

##### 2.4. Unknown acute toxicity (GHS US)

Not applicable

#### SECTION 3: Composition/Information on ingredients

##### 3.1. Substances

Not applicable

##### 3.2. Mixtures

Name	Product identifier	Conc.	GHS US classification
Alcohol	(CAS-No.) 64-17-5	<15	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1A, H350 (NOTE: Alcoholic beverages only; not applicable to this product) Repr. 1A, H360 Aquatic Acute 2, H401
Glycerin	(CAS-No.) 56-81-5	<5	Acute Tox. 3 (Inhalation:dust,mist), H331

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Name	Product identifier	Conc.	GHS US classification
			Skin Irrit. 2, H315 Eye Irrit. 2, H319
PPG-26-Buteth-26	(CAS-No.) 9038-95-3	<1	Acute Tox. 1 (Inhalation:vapour), H330
Sodium Hydroxide	(CAS-No.) 1310-73-2	<1	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402
4-Ethylresorcinol	(CAS-No.) 2896-60-8	<1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H335
Hydroxyethylcellulose	(CAS-No.) 9004-62-0	<1	Comb. Dust
Sodium Metabisulfite	(CAS-No.) 7681-57-4	<1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Sodium Sulfite	(CAS-No.) 7757-83-7	<1	Eye Dam. 1, H318
Disodium EDTA	(CAS-No.) 139-33-3	≤0.1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Comb. Dust
Limonene	(CAS-No.) 5989-27-5	<0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Isopropyl Alcohol	(CAS-No.) 67-63-0	<0.1	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373
t-Butyl Alcohol	(CAS-No.) 75-65-0	<0.1	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319 Repr. 2, H361 STOT SE 3, H335
Benzyl Salicylate	(CAS-No.) 118-58-1	<0.1	Eye Irrit. 2B, H320 Skin Sens. 1, H317 STOT SE 2, H371 Aquatic Acute 2, H401
Linalool	(CAS-No.) 78-70-6	<0.01	Flam. Liq. 4, H227 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 3, H402

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If affected person feels unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : If affected person is experiencing breathing difficulty, allow affected person to breathe fresh air. Allow affected person to rest.
- First-aid measures after skin contact : If adverse skin reaction occurs, remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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### 4.2. Most important symptoms and effects (acute and delayed)

- Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : Flammable liquid and vapor.
- Explosion hazard : Product is not explosive.

### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible products : Strong bases. Strong acids.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Alcohol (64-17-5)</b>	
ACGIH STEL (ppm)	1000 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
OSHA PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	1000 ppm
US IDLH (ppm)	3300 ppm (10% LEL)
NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	1000 ppm
<b>Glycerin (56-81-5)</b>	
Remark (ACGIH)	URT irr
OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (mist, total particulate) 5 mg/m <sup>3</sup> (mist, respirable fraction)

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<b>Sodium Hydroxide (1310-73-2)</b>	
ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
OSHA PEL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
US IDLH (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
NIOSH REL (ceiling) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
US-NIOSH chemical category	SK: DIR(COR) Apr 2011
<b>Sodium Metabisulfite (7681-57-4)</b>	
ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
ACGIH chemical category	Not Classifiable as a Human Carcinogen
NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Limonene (5989-27-5)</b>	
WEEL TWA (ppm)	30 ppm
<b>Isopropyl Alcohol (67-63-0)</b>	
ACGIH TWA (ppm)	200 ppm
ACGIH STEL (ppm)	400 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Biological Exposure Indices (BEI)	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift at end of workweek (background, nonspecific)
OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	400 ppm
US IDLH (ppm)	2000 ppm (10% LEL)
NIOSH REL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	400 ppm
NIOSH REL (STEL) (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
NIOSH REL (STEL) (ppm)	500 ppm
<b>t-Butyl Alcohol (75-65-0)</b>	
ACGIH TWA (ppm)	100 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
OSHA PEL (TWA) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	100 ppm
US IDLH (ppm)	1600 ppm
NIOSH REL (TWA) (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
NIOSH REL (TWA) (ppm)	100 ppm
NIOSH REL (STEL) (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
NIOSH REL (STEL) (ppm)	150 ppm
<b>Urea (57-13-6)</b>	
WEEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Cellulose (9004-34-6)</b>	
ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)

### 8.2. Appropriate engineering controls

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

None needed.

#### Hand protection:

None needed

#### Eye protection:

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None needed

### Skin and body protection:

None needed

### Respiratory protection:

None needed

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear liquid
Color	: Colorless light yellow
Odor	: Citrus
Odor threshold	: No data available
pH	: 3.5 – 3.8
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 41 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.01 – 1.05 g/cm <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: 2,500 – 4,000 cP
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None.

### 10.2. Chemical stability

Product is stable.

### 10.3. Possibility of hazardous reactions

Stable.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Smokes. Carbon monoxide. Carbon dioxide.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>Water (7732-18-5)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	201 ml/kg
ATE US (oral)	201000 mg/kg body weight
<b>Alcohol (64-17-5)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h
ATE US (oral)	7060 mg/kg body weight
ATE US (vapors)	124.7 mg/l/4h
<b>Butylene Glycol (107-88-0)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	18610 mg/kg
LC50 inhalation rat (ppm)	> 60 ppm (Exposure time: 8 h)
ATE US (oral)	18610 mg/kg body weight
<b>Glycerin (56-81-5)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 inhalation rat (mg/l)	> 570 mg/m <sup>3</sup> (Exposure time: 1 h)
ATE US (oral)	12600 mg/kg body weight
ATE US (dust, mist)	0.5 mg/l/4h
<b>PPG-26-Buteth-26 (9038-95-3)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	5 g/kg
LC50 inhalation rat (mg/l)	0.15 mg/l/4h
LD50 dermal rabbit	
ATE US (oral)	5000 mg/kg body weight
ATE US (vapors)	0.15 mg/l/4h
ATE US (dust, mist)	0.15 mg/l/4h
<b>Sodium Hydroxide (1310-73-2)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	325 mg/kg
LD50 dermal rabbit	1350 mg/kg
ATE US (oral)	325 mg/kg body weight
ATE US (dermal)	1350 mg/kg body weight
<b>4-Ethylresorcinol (2896-60-8)</b> (Historical information; not tested on animals for cosmetics)	
ATE US (oral)	500 mg/kg body weight
<b>Sodium Metabisulfite (7681-57-4)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1310 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	1310 mg/kg body weight
<b>Sodium Sulfite (7757-83-7)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	5680 mg/kg
LC50 inhalation rat (mg/l)	> 22 mg/l (Exposure time: 1 h)
ATE US (oral)	5680 mg/kg body weight
<b>Disodium EDTA (139-33-3)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2 g/kg
ATE US (oral)	2000 mg/kg body weight
<b>Sodium Acetate (127-09-3)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3530 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 inhalation rat (mg/l)	> 30 g/m <sup>3</sup> (Exposure time: 1 h)
ATE US (oral)	3530 mg/kg body weight

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<b>Limone (5989-27-5)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	4400 mg/kg body weight

<b>Isopropyl Alcohol (67-63-0)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1870 mg/kg
LD50 dermal rabbit	4059 mg/kg
LC50 inhalation rat (mg/l)	72600 mg/m <sup>3</sup> (Exposure time: 4 h)
ATE US (oral)	1870 mg/kg body weight
ATE US (dermal)	4059 mg/kg body weight
ATE US (vapors)	72.6 mg/l/4h
ATE US (dust, mist)	72.6 mg/l/4h

<b>t-Butyl Alcohol (75-65-0)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2200 mg/kg
LD50 dermal rabbit	> 2 g/kg
LC50 inhalation rat (ppm)	> 10000 ppm/4h
ATE US (oral)	2200 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

<b>Benzyl Salicylate (118-58-1)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2227 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	2227 mg/kg body weight

<b>Urea (57-13-6)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	8471 mg/kg
ATE US (oral)	8471 mg/kg body weight

<b>Cellulose (9004-34-6)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5800 mg/m <sup>3</sup> (Exposure time: 4 h)

<b>Taurine (107-35-7)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 700 mg/kg
ATE US (oral)	500 mg/kg body weight

<b>Linalool (78-70-6)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2790 mg/kg
LD50 dermal rabbit	2000 mg/kg
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight

<b>Phenoxyethanol (122-99-6)</b> (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1850 mg/kg
LD50 dermal rat	14422 mg/kg
LD50 dermal rabbit	5 ml/kg
LC50 inhalation rat (mg/l)	> 0.057 mg/l (Exposure time: 8 h)
ATE US (oral)	1850 mg/kg body weight
ATE US (dermal)	5000 mg/kg body weight
ATE US (dust, mist)	0.05 mg/l/4h

Skin corrosion/irritation : Not classified  
pH: 3.5 – 3.8

Serious eye damage/irritation : Not classified  
pH: 3.5 – 3.8

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Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>Alcohol (64-17-5)</b> (NOTE: Alcoholic beverages only; not applicable to this product)	
IARC group	1 - Carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Alcohol (64-17-5)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	12 – 16 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [static])
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [static])
EC50 Daphnia 2	> 2 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> [Static])
<b>Glycerin (56-81-5)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	> 5000 mg/l
<b>Sodium Hydroxide (1310-73-2)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	45.4 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [static])
<b>Sodium Metabisulfite (7681-57-4)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	32 mg/l (Exposure time: 96 h - Species: <i>Lepomis macrochirus</i> [static])
<b>Disodium EDTA (139-33-3)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	320 mg/l (Exposure time: 96 h - Species: <i>Poecilia reticulata</i> [semi-static])
<b>Sodium Acetate (127-09-3)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	> 100 mg/l (Exposure time: 96 h - Species: <i>Danio rerio</i> [semi-static])
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> )
<b>Limonene (5989-27-5)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 2	> 35 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> )
<b>Isopropyl Alcohol (67-63-0)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	9640 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> )
LC50 fish 2	11130 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [static])
<b>t-Butyl Alcohol (75-65-0)</b> (Historical information; not tested on animals for cosmetics)	
EC50 Daphnia 2	4607 – 6577 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> [Static])
<b>Benzyl Salicylate (118-58-1)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	1.03 mg/l (Exposure time: 96 h - Species: <i>Danio rerio</i> [semi-static])
<b>Urea (57-13-6)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	16200 – 18300 mg/l (Exposure time: 96 h - Species: <i>Poecilia reticulata</i> )
EC50 Daphnia 1	3910 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> [Static])
<b>Linalool (78-70-6)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 1	27.8 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [static])
EC50 Daphnia 1	20 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> )
<b>Phenoxyethanol (122-99-6)</b> (Historical information; not tested on animals for cosmetics)	
LC50 fish 2	≥ 366 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [static])



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### 12.2. Persistence and degradability

Not established.

### 12.3. Bioaccumulative potential

<b>Alcohol (64-17-5)</b> (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	-0.32
<b>Glycerin (56-81-5)</b> (Historical information; not tested on animals for cosmetics)	
BCF fish 1	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.76
<b>Sodium Metabisulfite (7681-57-4)</b> (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	-3.7 (at 25 °C)
<b>Sodium Sulfite (7757-83-7)</b> (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	-4 (at 25 °C)
<b>Sodium Acetate (127-09-3)</b> (Historical information; not tested on animals for cosmetics)	
BCF fish 1	< 10
<b>Isopropyl Alcohol (67-63-0)</b> (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	0.05 (at 25 °C)
<b>t-Butyl Alcohol (75-65-0)</b> (Historical information; not tested on animals for cosmetics)	
BCF fish 1	1.09
Partition coefficient n-octanol/water (Log Pow)	0.35
<b>Urea (57-13-6)</b> (Historical information; not tested on animals for cosmetics)	
BCF fish 1	< 10
Partition coefficient n-octanol/water (Log Pow)	-1.59 (at 25 °C)
<b>Linalool (78-70-6)</b> (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	2.84 – 3.1 (at 25 °C)
<b>Phenoxyethanol (122-99-6)</b> (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	1.13 (at 25 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

Exempted from Hazmat classification per 49 CFR 173.150(e) (Aqueous solution, <24% ethanol)

### Transportation of Dangerous Goods

Exempted from Hazmat classification (Aqueous solution, <24% ethanol)

### Transport by sea

Exempted from Hazmat classification per IMDG chapter 3.3.1 #144 (Aqueous solution, <24% ethanol)

### Air transport

Exempted from hazmat for transport IATA Special Provision A58 (Aqueous solution, <24% ethanol)

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

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This product is not subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### Canada-Regulations

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

U.S. - California - Proposition 65: Alcohol (64-17-5)					
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	No significance risk level (NSRL)	Maximum allowable dose level (MADL)
Yes (NOTE: Alcoholic beverages only; not applicable to this product)		No	No		

Component	State or local regulations
Alcohol (64-17-5)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Glycerin (56-81-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Sodium Hydroxide (1310-73-2)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - Pennsylvania - RTK (Right to Know) List
Sodium Metabisulfite (7681-57-4)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Isopropyl Alcohol (67-63-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - Pennsylvania - RTK (Right to Know) List
t-Butyl Alcohol (75-65-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - Pennsylvania - RTK (Right to Know) List
Cellulose (9004-34-6)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Phenoxyethanol (122-99-6)	U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Data sources : DISCLAIMER OF LIABILITY The information in this SDS 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 SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

# Rapid Dark Spot Correcting Serum

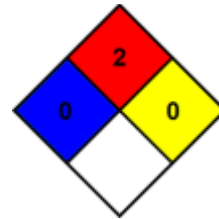
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Full text of H-phrases listed in Section 2 & Section 3:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
H290	May be corrosive to metals
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H332	Harmful if inhaled
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H361	Suspected of damaging fertility or the unborn child
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

NFPA health hazard	: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating	
Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

*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.*