Retinol Youth Renewal Eye Serum

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 2/9/2021

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Retinol Youth Renewal Eye Serum
Product code : 1123-08A

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

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

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

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
Glycerin	CAS-No.: 56-81-5	<5	Acute Tox. 4 (Inhalation:dust,mist), H332
Butylene Glycol	CAS-No.: 107-88-0	<5	STOT SE 3, H335 STOT SE 3, H336
Phenoxyethanol	CAS-No.: 122-99-6	<1	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330 Eye Irrit. 2, H319

Name	Product identifier	Conc.	GHS US classification
Silica	CAS-No.: 7631-86-9	<1	Acute Tox. 4 (Inhalation:dust,mist), H332
Titanium Dioxide	CAS-No.: 13463-67-7	<1	Carc. 2, H351 (NOTE: Unbound, airborne, respirable particles only; not applicable to this product)
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

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.

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. Water spray. Sand.

5.2. Specific hazards arising from the chemical

Fire hazard : Not flammable.

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 container closed to avoid product contamination.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Keep container closed when not in use.
Incompatible products	:	Strong bases. Strong acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycerin (56-81-5)	
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	URT irr
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	15 mg/m³ (mist, total particulate) 5 mg/m³ (mist, respirable fraction)

Silica (7631-86-9)	
USA - IDLH - Occupational Exposure Limits	
IDLH	3000 mg/m³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	6 mg/m³

Titanium Dioxide (13463-67-7)	
ACGIH OEL TWA	10 mg/m³
Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
ACGIH chemical category	Not Classifiable as a Human Carcinogen
OSHA PEL (TWA) [1]	15 mg/m³ (total dust)
IDLH	5000 mg/m³
NIOSH REL (TWA)	2.4 mg/m³ (CIB 63-fine) 0.3 mg/m³ (CIB 63-ultrafine, including engineered nanoscale)

Sodium Hydroxide (1310-73-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL Ceiling	2 mg/m³
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	2 mg/m³
USA - IDLH - Occupational Exposure Limits	
IDLH	10 mg/m³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (Ceiling)	2 mg/m³
US-NIOSH chemical category	SK: DIR(COR) Apr 2011

PEG-8 (25322-68-3)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	10 mg/m³ (molecular weight>200-aerosol)

Sodium Bisulfite (7631-90-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m³
ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	5 mg/m³

Urea (57-13-6)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	10 mg/m³

BHT (128-37-0)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Butylated hydroxytoluene
ACGIH OEL TWA	2 mg/m³
Remark (ACGIH)	URT irr
ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	10 mg/m³

Limonene (5989-27-5)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA [ppm]	30 ppm

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:
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	:	Opaque viscous serum
Color	:	Light yellow
Odor	:	Characteristic
Odor threshold	:	No data available
pH	:	5.8 – 6.8
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
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
Density	:	0.98 – 1.02 g/cm³
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	:	18,000 – 30,000 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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Water (7732-18-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 90 ml/kg

Glycerin (56-81-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 Inhalation - Rat	> 2.75 mg/l/4h
ATE US (oral)	12600 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h

Butylene Glycol (107-88-0) (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

Caprylic/Capric Triglyceride (65381-09-1) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 5000 mg/kg

Isopropyl Palmitate (142-91-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 5 g/kg

Phenoxyethanol (122-99-6) (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	> 0.057 mg/l (Exposure time: 8 h)
ATE US (oral)	1850 mg/kg body weight
ATE US (dermal)	5547 mg/kg body weight
ATE US (dust, mist)	0.05 mg/l/4h

Silica (7631-86-9) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	7900 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 2.08 mg/l/4h

Silica (7631-86-9) (Historical information; not tested on animals for cosmetics)	
ATE US (oral)	7900 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h

Titanium Dioxide (13463-67-7) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 10000 mg/kg

Sodium Hydroxide (1310-73-2) (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

PEG-8 (25322-68-3) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	22 g/kg
LD50 dermal rabbit	> 20 g/kg
ATE US (oral)	22000 mg/kg body weight

PVP (9003-39-8) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	100 g/kg
ATE US (oral)	100000 mg/kg body weight

Carbomer (9003-01-4) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2500 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	1.71 mg/l/4h
ATE US (oral)	2500 mg/kg body weight
ATE US (vapors)	1.71 mg/l/4h
ATE US (dust, mist)	1.71 mg/l/4h

Sodium Bisulfite (7631-90-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1310 mg/kg
ATE US (oral)	1310 mg/kg body weight

Retinol (68-26-8) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2 g/kg
ATE US (oral)	2000 mg/kg body weight

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

Potassium Sorbate (24634-61-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3200 mg/kg
ATE US (oral)	3200 mg/kg body weight

BHT (128-37-0) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 mg/kg

Sodium Benzoate (532-32-1) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	4070 mg/kg
ATE US (oral)	4070 mg/kg body weight

Citronellol (106-22-9) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3450 mg/kg
LD50 dermal rabbit	2650 mg/kg
ATE US (oral)	3450 mg/kg body weight
ATE US (dermal)	2650 mg/kg body weight

Hydroxycitronellal (107-75-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg

Limonene (5989-27-5) (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

Yellow 5 (1934-21-0) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 2000 mg/kg

Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2790 mg/kg
LD50 dermal rabbit	5610 mg/kg
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight

Geraniol (106-24-1) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3600 mg/kg
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	3600 mg/kg body weight

Benzyl Benzoate (120-51-4) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	500 mg/kg
LD50 dermal rabbit	4000 mg/kg
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight

Eugenol (97-53-0) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1930 mg/kg
ATE US (oral)	1930 mg/kg body weight

Skin corrosion/irritation	:	Not classified pH: 5.8 – 6.8
Serious eye damage/irritation	:	Not classified pH: 5.8 – 6.8
Respiratory or skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
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

Glycerin (56-81-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	> 5000 mg/l

Isopropyl Palmitate (142-91-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])

Phenoxyethanol (122-99-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [2]	≥ 366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Silica (7631-86-9) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 - Crustacea [1]	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)

Sodium Hydroxide (1310-73-2) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

Carbomer (9003-01-4) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	580 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

Sodium Bisulfite (7631-90-5) (Historical information; not tested on animals for cosmetics)	
EC50 - Crustacea [1]	119 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Retinol (68-26-8) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	316.23 mg/l (Exposure time: 96 h - Species: Danio rerio [static])

Urea (57-13-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	16200 – 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata)
EC50 - Crustacea [1]	3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Potassium Sorbate (24634-61-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	1250 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 - Crustacea [1]	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Caprylyl Glycol (1117-86-8) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	2.2 – 22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])

Sodium Benzoate (532-32-1) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	420 – 558 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	< 650 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Limonene (5989-27-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [2]	> 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	27.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	20 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Geraniol (106-24-1) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])

Benzyl Benzoate (120-51-4) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])

Eugenol (97-53-0) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])

12.2. Persistence and degradability

Not established.

12.3. Bioaccumulative potential

Glycerin (56-81-5) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.76

Phenoxyethanol (122-99-6) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	1.13 (at 25 °C)

Silica (7631-86-9) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	(no bioaccumulation expected)

Urea (57-13-6) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	< 10
Partition coefficient n-octanol/water (Log Pow)	-1.59 (at 25 °C)

BHT (128-37-0) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	230 – 2500
Partition coefficient n-octanol/water (Log Pow)	4.17

Sodium Benzoate (532-32-1) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-2.13

Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	2.84 – 3.1 (at 25 °C)

Benzyl Benzoate (120-51-4) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	4

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)

Not regulated as hazmat for transport

Transportation of Dangerous Goods (TDG)

Not regulated as hazmat for transport

Transport by sea (IMDG)

Not regulated as hazmat for transport

Air transport (IATA)

Not regulated as hazmat for transport

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.

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: Titanium Dioxide (13463-67-7)					
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	No significance risk level (NSRL)	Maximum allowable dose level (MADL)
Yes (NOTE: Unbound, airborne, respirable particles only; not applicable to this product)	No	No	No		

U.S. - California - Proposition 65: Retinol (68-26-8)					
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	No significance risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	No	No	8,000 IU/day if pregnant or nursing 10,000 IU/day	

Component	State or local regulations
Glycerin (56-81-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Phenoxyethanol (122-99-6)	U.S. - Pennsylvania - RTK (Right to Know) List
Silica (7631-86-9)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Glycine Soja (Soybean) Oil (8001-22-7)	U.S. - Pennsylvania - RTK (Right to Know) List
Titanium Dioxide (13463-67-7)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Sodium Hydroxide (1310-73-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Sodium Bisulfite (7631-90-5)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Retinol (68-26-8)	U.S. - Massachusetts - Right To Know List
BHT (128-37-0)	U.S. - New Jersey - Right to Know Hazardous Substance 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.

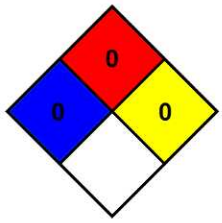
Full text of H-phrases listed in Section 3

H226	Flammable liquid and vapor
H227	Combustible liquid
H270	May cause or intensify fire; oxidizer
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
H330	Fatal 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
H351	Suspected of causing cancer
H372	Causes 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
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

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 : 0 Minimal Hazard - Materials that will not burn

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.

Safety Data Sheet (SDS), USA

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.