

## Section 1: Identification

### 1.1 Product identification

Product identifier : Mixture  
Product name : MEDILOOK  $\alpha$  Scalp Conditioner  
Product code : Not available  
Recommended uses : Cosmetics – Hair Care Product  
Restrictions on uses : No information available

### 1.2 Identification of company

Manufacturer/Supplier name : Hoya America Co.  
Division :  
Address : 6265 Phyllis Drive Cypress, CA 90630 US  
Telephone number : 714-230-3000  
FAX number : 714-230-3060  
E-mail : info@hoyu-usa.com

1.3 Emergency telephone number : 1-800-848-4980

1.4 Reference number :

## Section 2: Hazard Identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Physico-Chemical hazard

#### 2.1.2 Health Hazard

Acute Toxicity (oral) : Not classified  
Skin Corrosion/Irritation : Category 2  
Serious Eye Damage/Eye Irritation : Not classified  
Reproductive Toxicity : Not classified  
Specific Target Organ Toxicity (single exposure) : Not classified  
Specific Target Organ Toxicity (repeated exposure) : Category 2  
Aspiration Hazard : Not classified

#### 2.1.3 Environmental Hazard

\* For those not listed on “2.1 Classification of the Substance or Mixture” are either “Not Applicable” or “Classification not Possible.”

\* Hazard identification is made according to the 2012 OSHA communication Standard (29 CFR 1910.1210) and GHS rev. 6.

### 2.2 Label Element

Hazard Pictograms :



Signal Word : Warning

Hazard Statement : H315 Causes skin irritation.  
H373 May cause damage to organs, systemic toxicity, through prolonged or repeated exposure.

#### Precautionary Statement

General Precautions : P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Preventions : P260 Do not breathe dusts /fume /gas /mist /vapors / spray.

P264 Wash face, hands and any exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Responses	:	P302+P352	IN ON SKIN: Wash with plenty of water and soap.
		P314	Get medical advice/attention if you feel unwell.
		P321	Specific treatment (see section 4 on this SDS).
		P332+P313	If skin irritation occurs: Get medical advice/attention.
		P362+P364	Take off contaminated clothing and wash it before reuse.
Storage	:	-	
Disposal	:	P501	Dispose of contents/container to an approved waste disposal plant in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

0.32 % of the mixture consists of ingredient(s) of unknown acute toxicity (oral).  
 Harmful to aquatic life with long lasting effects.  
 Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.  
 Use of alcoholic beverages may enhance toxic effects.

## Section 3: Composition/Information on Ingredients

### 3.1 Substance :

Chemical Name	CAS No.	Concentration (w/w %)
Not applicable	Not applicable	Not applicable

### 3.2 Mixtures :

Chemical Name	CAS No.	Concentration (w/w %)
GLYCERIN	56-81-5	1 – 5
ISOPROPYL ALCOHOL	67-63-0	0.1 – 1
METHYLPARABEN	99-76-3	0.1 – 1
MINERAL OIL	8042-47-5	1 – 5
STEARTRIMONIUM CHLORIDE	112-03-8	1 – 5

## Section 4 : First-aid Measures

### 4.1 Description of First Aid Measures

Inhalation : Remove to fresh air. Get medical attention immediately if symptoms occur.  
 Skin Contact : Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.  
 Eye Contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice.  
 Ingestion : Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Call a physician.

### 4.2 Most Important Symptoms/Effects

Acute : Burning sensation, itching, rashes, and/or hives.  
 Delayed : Burning sensation, itching, rashes, and/or hives.

### 4.3 Protection for Person who gives First-Aids

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

### 4.4 Indication of Immediate Medical Attention and Special Treatment Needed

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. May

cause sensitization of susceptible persons. Treat symptomatically.

## Section 5: Fire-Fighting Measures

### 5.1 Extinguishing Media

Suitable Extinguishing Media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Inappropriate Extinguish Media : No information available.

### 5.2 Specific Hazards Arising from the Chemicals

: Thermal decomposition can lead to release of irritating gases and vapors.

### 5.3 Special Extinguishing Method

: Sensitivity to mechanical impact: No  
 Sensitivity to static discharge: No

### 5.4 Special Protective Actions for Fire-fighter

: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Protective Equipment : Refer to protective measures listed in Section 7 and 8. Prevent further leakage or spillage if safe to do so.

Appropriate Procedure : Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

Emergency Procedure : Evacuate personnel to safe areas.

### 6.2 Environmental Precautions

: Refer to protective measures listed in Section 7 and 8. Prevent further leakage or spillage if safe to do so.

### 6.3 Methods and Materials for Containment and Cleaning up

For Containment : Prevent further leakage or spillage if safe to do so.

For Cleaning up : Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Other Information : Not available

## Section 7: Handling and Storage

### 7.1 Precautions for Safe Handling

General Precautions : Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

General Hygiene : Do not eat, drink or smoke when using this product.

### 7.2 Conditions for Safe Storage

General Information : Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

Storage Conditions : Do not store with reductant or oxidizing agents and/or strong bases.

Other Information : Not available

## Section 8: Exposure Controls/Personal Protection

8.1 Occupational Exposure Limits : No ingredient listed on section 3 is subject to the occupational exposure limits.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
GLYCERIN	-	TWA: 15 mg/m <sup>3</sup> (total) TWA: 5 mg/m <sup>3</sup> (resp)	TWA: 5 mg/m <sup>3</sup>
ISOPROPYL ALCOHOL	TWA: 200 ppm ST: 400 ppm	TWA: 400 ppm (980 mg/m <sup>3</sup> )	TWA: 400 ppm (980 mg/m <sup>3</sup> ) ST: 500 ppm

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			(1225 mg/m <sup>3</sup> ) IDLH: 2000 ppm [10 % LEL]
MINERAL OIL	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> ST: 10 mg/m <sup>3</sup> IDLH: 2500 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold limit value.

OSHA PEL: Occupational safety and Health Administration – Permissible Exposure Limits

Immediately Dangerous to Life or Health.

NIOSH IDLH: The National Institute for Occupational Safety and Health – Immediately Dangerous to Life or Health Concentrations.

- 8.2 Engineering Controls : Showers  
 Eyewash station  
 Ventilation system
- 8.3 Individual Protection Measures
- Eye/Face Protection : Tight sealing safety goggles.
- Skin Protection : Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.
- Respiratory Protection : No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
- Thermal Hazard : Not available
- Other Requirements : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the products.

## Section 9: Physical and Chemical Properties

- Physical State : Cream
- Color : Milky white
- Odor : Fragrant odor
- pH : 4.5 – 5.5 pH meter (10 % aq. sol., 25 °C)
- Melting/Freezing Point : No data available Not known
- Initial Boiling Point and Boiling Range : No data available Not known
- Flash Point : No data available Not known
- Evaporation Rate : No data available Not known
- Flammability (Solid, Gas) : No data available Not known
- Upper/lower Flammability or Explosive Limits : No data available Not known
- Vapor Pressure : No data available Not known
- Density : No data available Not known
- Relative Vapor Density : No data available Not known
- Solubility : Completely soluble in water Not known
- Partition Coefficient: n-octanol/water : No data available Not known
- Autoignition temperature : No data available Not known
- Decomposition temperature : No data available Not known
- Viscosity : 3500 – 9500 mPa•s Type B viscometer (No. 3 rotor/12 rpm/1 min/25 °C)
- Kinetic viscosity : No data available Not known
- Particle characteristics : No data available Not known
- Explosive property : No data available Not known
- Oxidizing property : No

VOC contents (%) : No data available  
Other Information : No information available

## Section 10: Stability and Reactivity

Reactivity : No data available  
Chemical Stability : Stable under recommended storage conditions.  
Possibility of Hazardous Reactions : None under normal processing.  
Conditions to Avoid : None known  
Incompatible Materials : Metals such as iron, copper, brass and aluminum, etc.  
Reductant agents, oxidizing agents, strong alkalis and acids.  
Hazardous Decomposition Products : None

## Section 11: Toxicological Information

### Information on Toxicological Effects

Acute Toxicity :  
STEARTRIMONIUM CHLORIDE LD50 (oral, rat) = 1000 mg/kg

Skin Corrosion/Irritation :  
STEARTRIMONIUM CHLORIDE Corrosive (rabbit, 1 %).

Serious Eye Damage/Irritation :  
ISOPROPYL ALCOHOL Mild to strong irritation (rabbit) (EHC, 1990, SIDS, 2002, PATTY 6th, 2012, and ECETOC TR48, 1998).  
STEARTRIMONIUM CHLORIDE Mild irritant (P.I.I. = 11.9, not rinsed, 10 %, 0.1 mL, 48 hrs).

Respiratory or Skin Sensitization : No information available.  
Germ Cell Mutagenicity : No information available.  
Carcinogenicity : No information available.  
Reproductive Toxicity :  
ISOPROPYL ALCOHOL Two generation test on rat by oral exposure showed decrease in copulation rate on parent and decrease in weight and increase in death rate (PATTY 6th, 2012 and SIDS (2002)).

STOT – Single Exposure :  
ISOPROPYL ALCOHOL This substance showed systematic hazardous effect including the central nervous depression such as lethargy, coma and respiratory depression, irritation on the alimentary canal, effect on the circulatory system such as blood pressure, body temperature decrease, and abnormal cardiac rhythm (SIDS (2002), EHC 103 (1990)).

STOT – Repeated Exposure :  
ISOPROPYL ALCOHOL Vapor exposure of this substance on rat for 4 month showed decrease in number of leucocyte at 100 mg/m<sup>3</sup>, and pathologic effect on organs of respiration such as lung and respiratory tract, liver and spleen at 500 mg/m<sup>3</sup> (EHC 103 (1990)).  
MINERAL OIL Effects on liver and mesenteric node by repeated oral exposure test using rat (IUCLID, 2000) and on lung due to aerosol exposure on rat (US HPVIS, 2011).

Aspiration Hazard :  
MINERAL OIL Inhalation of oil or liquid to lung may cause lipid or chemical pneumonia and/or lipid granuloma.

### Information on the Likely Routes of Exposure

Inhalation : Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.  
Eye contact : Specific test data for the substance or mixture is not

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- available. Expected to be an irritant based on components. Severely irritating to eyes. Cause serious eye damage. May cause burns. May cause irreversible damage to eyes.
- Skin contact : Specific test data for the substance or mixture is not available. Ingestion may cause irritation based on components. Irritating to skin. Prolonged contact may cause redness and irritation.
- Ingestion : Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed (based on components).
- Symptoms related to the Physical, Chemical and Toxicological Characteristics : Erythema (skin redness). May cause redness and tearing of the eyes. May cause blindness. Burning, itching, rashes and/or hives.
- Delayed, Immediate, and Chronic Effects from Short and Long Term Exposure : May cause sensitization of susceptible persons. May cause sensitization by skin contact.
- Carcinogenicity : The table below indicates whether each agency has listed any ingredient as carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
ISOPROPYL ALCOHOL	A4	Group 3	-	-
MINERAL OIL	-	Group 3	-	-

ACGIH: A1 – Confirmed human carcinogen, A2 – Suspected human carcinogen, A3 – Confirmed animal carcinogen with unknown relevance to humans, A4 – Not classifiable as a human carcinogen, A5 – Not suspected as a human carcinogen

IARC: International Agency for Research and Cancer (Group 1 – Carcinogenic to humans, Group 2A – Probably Carcinogenic to humans, Group 2B – Possibly carcinogenic to humans, Group 3 – Not classifiable as to carcinogenicity in humans, Group 4 – Probably not carcinogenic to humans)

NTP: National Toxicology Program (NA = none assigned, Known = Known to be a human carcinogen, RAHC = Reasonably anticipated to be a human carcinogen)

Other Information : No information available.

## Section 12: Ecological Information

- Toxicity on Aquatic Organisms :  
 METHYLPARABEN EC50 (Daphnia magna, 48 hrs.) = 36 mg/L (MOE, 1999)  
 STEARTRIMONIUM CHLORIDE LC50 (Daphnia pulex, 48 hrs.) = 0.025 - 0.05 mg/L  
 LC50 (Lepomis macrochirus, 48hrs.) = 0.25 mg/L
- Toxicity on Terrestrial Organisms : No information available.
- Persistence and Degradability :  
 METHYLPARABEN Category 3 on acute environmental toxicity and no rapid degradability reported.  
 MINERAL OIL Persistent (IUCLID, 2000)
- Bioaccumulative Potential :  
 MINERAL OIL Log Pow > 6 (IUCLID, 2000)
- Mobility in Soil : No information available.
- Other Adverse Effects : No information available.

## Section 13: Disposal Considerations

- Product/Packaging Disposal : This material, as supplied, is not a hazardous waste according to Federal regulation (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR

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- 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
- Waste Treatment-Relevant Information : No information available.  
 Sewage Disposal-Relevant Information : No information available.  
 Other Disposal Recommendation : Dispose of contents/containers in accordance with local regulation (refer to Section 15).

## Section 14: Transport Information

	DOT/TDG	IATA/ICAO	IMDG/IMO
UN Number	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name			
Transport Hazard Classes			
Packing Group			

DOT: US Department of Transportation

TDG: UN model regulation of Transport of Dangerous Good

IATA/ICAO: International Air Transport Association/International Civil Aviation Organization

IMDG/IMO: International Maritime Dangerous Goods/International Maritime Organization

Environmental Hazards : No information available.

Special Precautions for User : No information available.

Transport in Bulk According to ANNEX II of MARPOL 73/78 and IBC Code : No information available.

## Section 15: Regulatory Information

Safety, Health, and Environmental Regulations Specific for the Product

### International chemical inventories

Toxic substances control act (TSCA) : All components of this product are either listed or are exempt on the TSCA inventory.

Domestic Substance list (DSL) : Substances comply or are exempt.

### US Federal Regulation

Title III of the Superfund Amendments and Reauthorization act of 1986 (SARA 313) : Section 313 of Title III of the Superfund Amendments and Reauthorization act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the act and title 40 of the Code of Federal Regulations (CFR), Part 372.

Chemical Name	SARA 313 – Threshold values (%)
ISOPROPYL ALCOHOL	1.0

SARA 311/312 : This product is exempt from the requirements of SARA 311/312, 40 CFR Part 370.

Clean Water Act (CWA) : This product does not contain substance which is regulated as pollutant pursuant to the Clean Water Act (40 CFR 122).

Clean Air Act (CAA) : This product does not contain substance which is regulated as pollutant pursuant to the Clean Air Act (40 CFR 50 - 99).

Comprehensive Environmental Response Compensation and Liability Act (CERCLA) : This material, as supplied, does not contain substance regulated as hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (40 CFR 302).

### US State Regulations

California Hazardous Waste Code : 135 (unspecified aqueous solution)

This product contains one or more substances that are listed with the state of California as hazardous waste.

Chemical Name	California Hazardous Waste Code
ISOPROPYL ALCOHOL	X, I

California Hazardous Waste Code: X – Toxic, C – Corrosive, I – Ignitable, R - reactive

California Proposition 65 : This product does not contain any Proposition 65 chemicals.  
 US State Right-to-Know Regulations :

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
GLYCERIN	X	X	X	X	-
ISOPROPYL ALCOHOL	X	X	X	X	-
MINERAL OIL	X	X	X	X	-

## Section 16: Other Information

NFPA (National Fire Protection Association Code) : Health hazard 2  
 Flammability hazard 0  
 Instability hazard 0  
 Special hazards -

HMIS (Hazardous Materials Identification System) : Health 2  
 Flammability 0  
 Physical hazard 0  
 Personal protection x

## Reference :

- Globally Harmonized System of Classification and Labeling of Chemicals Revision 5, 2013
- National Institute of Technology and Evaluation (<http://www.nite.go.jp/en/index.html>)
- SDS provided from raw material manufactures
- United States Code (<http://uscode.house.gov/browse.xhtml>)
  - Title 21 Food and Drugs Chapter 9 Federal Food, Drug, and Cosmetic Act
  - Title 33 Navigation and Navigable Waters Chapter 26 Water Pollution Prevention and Control
  - Title 42 The Public Health and Welfare Chapter 85 Air Pollution Prevention and Control
  - Title 42 The Public Health and Welfare Chapter 103—Comprehensive Environmental Response, Compensation, and Liability
- Code of Federal Regulation (<https://www.gpo.gov/>)
  - 21 CFR parts 700 – 799 Cosmetics
  - 40 CFR Protection of Environment
- US Right-to-Know Regulation
  - New Jersey administrative code Title 8 Health Chapter 59 Work and community right to know act rules Appendix A and B
  - New Jersey Register Volume 42, Issue 15, 42 N.J.R. 1709(a), August 2, 2010
  - Code of Massachusetts Regulations 105 CMR 670.000 Right to know
  - The Pennsylvania Code Title 34 Labor and Industry Chapter 323 Hazardous Substance List
  - State of Rhode Island General Laws Chapter 28-21 Hazardous Substances Right-to-Know Act
  - Rhode Island Hazardous Substance List (<http://www.dlt.ri.gov/occusafe/pdfs/HazardousABC.pdf>)
  - Illinois Chemical Safety Act (430 ILCS 45)
  - Hazardous Materials Emergency Act (430 ILCS 50)
  - Illinois Emergency Planning and Community Right to Know Act (430 ILCS 100)
- Domestic Substance List (<http://www.ec.gc.ca/LCPE-CEPA/default.asp?lang=En&n=5F213FA8-1>)
- TSCA Chemical Substance Inventory (<https://www.epa.gov/tscainventory>)
- International Agency for Research on Cancer (<http://www.iarc.fr/>)
- American Conference of Governmental Industrial Hygienists (<http://www.acgih.org/>)
- US Environmental Protection Agency (<https://www3.epa.gov/>)
- US Department of Labor, Occupational Safety and Health Administration (<https://www.osha.gov/>)
- The National Institute for Occupational Safety and Health (<http://www.cdc.gov/niosh/about/default.html>)
- US Department of Health and Human Services, National Toxicology Program (<https://ntp.niehs.nih.gov/>)
- US Department of Transportation (<https://www.transportation.gov/>)
- International Air Transport Association (<http://www.iata.org/Pages/default.aspx>)



17. International Civil Aviation Organization (<http://www.icao.int/Pages/default.aspx>)
18. International Maritime Organization  
(<http://www.imo.org/en/Publications/IMDGCode/Pages/Default.aspx>)
19. California Environmental Protection Agency (<http://oehha.ca.gov/>)
20. National Fire Protection Association (<http://www.nfpa.org/>)

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