

UN.TANGLED

Revision Date: 07Oct21 SDS-000090-05

## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1	<b>Product Identifier:</b>	KEVIN.MURPHY UN.TANGLED	
	<b>Product Codes:</b>	PN-KM-00036, VA-KM-00037	
1.2	<b>Relevant Identified Uses:</b>	Personal Care - Hair Conditioner	
	<b>Uses Advised Against:</b>	None known	
1.3	<b>Supplier of Safety Data Sheet:</b>	Kevin Murphy Business Services Pty Ltd 47 Discovery, Suite 230, Irvine, CA 92618, USA 949-407-5100 KMRRegulatory@kevinmurphy.com.au	
		<table border="1"> <tr> <td><b>Europe/International</b> Kevin Murphy Europe A/S Refshalevej 163A, DK-1432 Copenhagen K +45 20 20 34 56 KMRRegulatory@kevinmurphy.com.au</td> <td><b>Australia</b> Ozdare Pty Ltd 7 Endeavour Way Sunshine West VIC 3020, Australia +61 3 9314 9099</td> </tr> </table>	<b>Europe/International</b> Kevin Murphy Europe A/S Refshalevej 163A, DK-1432 Copenhagen K +45 20 20 34 56 KMRRegulatory@kevinmurphy.com.au
<b>Europe/International</b> Kevin Murphy Europe A/S Refshalevej 163A, DK-1432 Copenhagen K +45 20 20 34 56 KMRRegulatory@kevinmurphy.com.au	<b>Australia</b> Ozdare Pty Ltd 7 Endeavour Way Sunshine West VIC 3020, Australia +61 3 9314 9099		
1.4	<b>Emergency Telephone Number:</b>	<b>CHEMTEL: 1-800-255-3924 (North America), +1-813-248-0585 (International)</b> <b>1-300-954-583 (Australia), 800-099-0731 (Mexico), 000-800-100-4086 (India), 400-120-0751 (China)</b> <b>Australia Poisons Information Centre: 13 11 26</b> Kevin.Murphy ChemTel Contract Number: Available upon request at KMRRegulatory@kevinmurphy.com.au.	

## SECTION 2: Hazards Identification

The mixture has been assessed for its physical, health and environmental hazards, and the following classification applies.

2.1	<b>Classification of the Substance or Mixture:</b>	<b>Physical Hazards:</b> Not Classified <b>Health Hazards:</b> Not Classified <b>Environmental Hazards:</b> Aquatic Acute - Category 2; Aquatic Chronic - Category 3	
2.2	<b>Labeling Elements:</b>	<b>Hazard Signal Word:</b> None <b>Hazard Statements:</b> H401: Toxic to aquatic life H412: Harmful to aquatic life with long lasting effects <b>Precautionary Statements:</b> P273: Avoid release to the environment. P501: Dispose of contents/container in accordance with local, regional and national regulations.	<b>Hazard Pictograms:</b> None
2.3	<b>Other Hazards:</b>	<b>EUH208:</b> Contains Limonene. May produce an allergic reaction. vPvB: Decamethylcyclopentasiloxane (CAS 541-02-6) - Product Codes 22004-08, 7445-8387-4 Mixture does not meet the criteria for PBT in accordance to Regulation (EC) No. 1907/2006, Annex XIII.	

## SECTION 3: Composition / Information on Ingredients

3.2 Mixtures:					
CHEMICAL NAME	CAS No.	EC No.	Hazard Classification	Hazard Statements	% by Weight
Ethanol	64-17-5	200-578-6	Flammable Liquid, Category 2 Eye Irritation, Category 2A	H225: Highly flammable liquid and vapour H319: Causes serious eye irritation	1 - 10
Decamethylcyclopentasiloxane (product codes 22004-08 and 7445-8387-4)	541-02-6	208-764-9	Flammable Liquid, Category 4	H227: Combustible liquid	1 - 10
Behentrimonium Chloride	17301-53-0	241-327-0	Eye Damage/Irritation, Category 1 Aquatic Acute, Category 1 Aquatic Chronic, Category 1	H318: Causes serious eye damage H400: Very toxic to aquatic life H410: Very toxic to aquatic life with long lasting effects	0.1 - 1

UN.TANGLED

Revision Date: 07Oct21 SDS-000090-05

Cetrimonium Chloride	112-02-7	203-928-6	Eye Damage/Irritation, Category 1 Aquatic Acute, Category 1 Aquatic Chronic, Category 1	H318: Causes serious eye damage H400: Very toxic to aquatic life H410: Very toxic to aquatic life with long lasting effects	0.1 - 1
Isopropanol (1) (product code 22004-08)	67-63-0	200-661-7	Not applicable	Not applicable	< 0.1

(1) Substance with a workplace exposure limit.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as physical, health or the environmental hazards, are PBTs or vPvBs, or have been assigned an occupational exposure limit within US OSHA regulations or EU OEL Directives, and hence require reporting in this section.

## SECTION 4: First Aid Measures

4.1	<b>Description of First Aid Measures:</b>	<p><u>Ingestion:</u> In case of ingestion, do not induce vomiting without medical advice. Give victim several glasses of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.</p> <p><u>Eyes:</u> In case of eye contact, flush with copious amounts of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention in the event of an adverse reaction or if symptoms persist.</p> <p><u>Skin:</u> If signs of irritation to the skin develop, wash the affected area with plenty of water and soap. Seek medical attention in the event of an adverse reaction or if symptoms persist.</p> <p><u>Inhalation:</u> If respiratory distress or irritation occurs, remove victim to fresh air. Seek medical attention in the event of an adverse reaction or if symptoms persist.</p>
4.2	<b>Most Important Symptoms and Effects, Both Acute and Delayed:</b>	Direct eye contact with undiluted product may cause eye irritation. Symptoms may include mild stinging, tearing and redness.
4.3	<b>Indication of Immediate Medical Attention and Special Treatment Needed:</b>	Provide general supportive measures and treat symptomatically. No known specific antidotes.

## SECTION 5: Firefighting Measures

5.1	<b>Extinguishing Media:</b>	<p><u>Suitable Extinguishing Media:</u> Water mist, dry chemical, foam, or carbon dioxide.</p> <p><u>Unsuitable Extinguishing Media:</u> None known.</p>
5.2	<b>Special Hazards Arising from the Substance or Mixture:</b>	May produce oxides of carbon and/or nitrogen on combustion.
5.3	<b>Advice for Firefighters:</b>	Wear self-contained breathing apparatus and full personal protective gear. Use standard firefighting procedures.

## SECTION 6: Accidental Release Measures

6.1	<b>Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Observe all personal protection equipment recommendations described in Section 8. Ventilate closed spaces before entering them. Keep unnecessary personnel away.
6.2	<b>Environmental Precautions:</b>	Dike or contain spill to prevent from entering drains. Avoid direct release to drains, surface and ground water.
6.3	<b>Methods and Material for Containment and Cleaning Up:</b>	Clean up spill with appropriate absorbent material. Place all sweepings and absorbents into suitable containers for disposal.
6.4	<b>Reference to Other Sections:</b>	For personnel protection, see Section 8. For waste disposal, see Section 13.

UN.TANGLED

Revision Date: 07Oct21 SDS-000090-05

SECTION 7: Handling and Storage		
7.1	<b>Precautions for Safe Handling:</b>	Utilize safe handling and transportation techniques to avoid spillage or rupture of the product. Ensure adequate ventilation in the workplace. Wear appropriate personal protective equipment (see Section 8). Do not eat, drink or smoke while handling. Wash hands thoroughly after handling. Observe good hygiene practices.
7.2	<b>Conditions for Safe Storage, Including Any Incompatibilities:</b>	Store in a cool, dry, and well-ventilated area away from direct sun-light. Store away from incompatible materials (see Section 10).
7.3	<b>Specific End Use(s):</b>	No further relevant information available.

## SECTION 8: Exposure Controls / Personal Protection

8.1	<b>Control Parameters:</b>	<b>CHEMICAL NAME</b>	<b>CAS Number</b>	<b>Occupational Exposure Limits</b>			
				<b>OSHA PEL (TWA)</b>	<b>NIOSH REL (TWA)</b>	<b>ACGIH TLV</b>	<b>EU IOELV - BOELV</b>
		Ethanol	64-17-5	1000 ppm 1900 mg/m <sup>3</sup>	1000 ppm 1900 mg/m <sup>3</sup>	STEL: 1000 ppm	Not established (1)
		Isopropanol	67-63-0	400 ppm 980 mg/m <sup>3</sup>	400 ppm 980 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm	Not established (1)
		US IDHL: Ethanol - 3300 ppm (10% of LEL); Isopropanol - 2000 ppm (10% of LEL), (1) Reference EU member state occupational exposure limits.					
		<b>Recommended Monitoring Procedures:</b>	Reference national/federal monitoring standards				
		<b>Biological Limit Values:</b>	This product does not contain substances with biological exposure limit values.				
	<b>Derived No Effect Level (DNEL):</b>	No information available					
	<b>Predicted No Effect Concentrations (PNEC):</b>	No information available					
8.2	<b>Exposure Controls:</b>						
	<b>Appropriate Engineering Controls:</b>	Provide adequate ventilation in the workplace to maintain airborne levels below recommended exposure limits.					
	<b>Eye/Face Protection:</b>	Avoid direct eye contact. Wear protective eyewear (e.g., safety glasses with side-shield) if eye contact hazards exist in the workplace.					
	<b>Skin and Hand Protection:</b>	Not required					
	<b>Respiratory Protection:</b>	If airborne exposure limits are exceeded, wear suitable respirator that meets current occupational health and safety standards.					
	<b>Thermal Hazards:</b>	Refer to Section 5 for fire personal protective equipment.					
	<b>Hygiene Measures:</b>	Do not eat, drink or smoke during product use or handling. Wash hands after handling. Observe good personal hygiene measures. Routinely wash work clothing and protective equipment.					
<b>Environmental Exposure Controls:</b>	Environmental manager must be informed of all major releases.						

## SECTION 9: Physical and Chemical Properties

9.1	<b>Information on Basic Physical and Chemical Properties:</b>	
	<b>Appearance:</b>	White, opaque semi-viscous liquid
	<b>Odor:</b>	Spicy floral
	<b>Odor Threshold:</b>	No data available on this product
	<b>pH:</b>	3.5 - 4.5
	<b>Melting Point:</b>	No data available on this product
	<b>Freezing Point:</b>	No data available on this product
	<b>Initial Boiling Point/Boiling Range:</b>	No data available on this product
	<b>Flashpoint:</b>	>93°C (200°F): Closed cup
<b>Evaporation Rate:</b>	No data available on this product	

UN.TANGLED

Revision Date: 07Oct21 SDS-000090-05

	<b>Flammability (solid, gas):</b>	No data available on this product
	<b>Upper/Lower Flammability or Explosive Limits:</b>	No data available on this product
	<b>Vapor Pressure:</b>	No data available on this product
	<b>Vapor Density:</b>	No data available on this product
	<b>Relative Density (water=1.0):</b>	0.990 - 1.010
	<b>Solubility (in water):</b>	Soluble
	<b>Partition Coefficient (n-octanol/water):</b>	No data available on this product
	<b>Autoignition Temperature:</b>	No data available on this product
	<b>Decomposition Temperature:</b>	No data available on this product
	<b>Viscosity:</b>	3,000 - 5,000 cP
	<b>Explosive Properties:</b>	No data available on this product
	<b>Oxidizing Properties:</b>	No data available on this product
9.2	<b>Other Information:</b>	No relevant additional information available on this product.
<b>SECTION 10: Stability and Reactivity</b>		
10.1	<b>Reactivity:</b>	The product is not reactive under normal conditions of use, storage and transport.
10.2	<b>Chemical Stability:</b>	The product is stable under normal handling and storage conditions.
10.3	<b>Possibility of Hazardous Reactions:</b>	No hazardous reactions known under conditions of normal use. Hazardous polymerization is not expected.
10.4	<b>Conditions to Avoid:</b>	Direct sunlight and extremely high or low temperatures.
10.5	<b>Incompatible Materials:</b>	Strong acids, bases, and oxidizing agents.
10.6	<b>Hazardous Decomposition Products:</b>	No hazardous decomposition products are known. May produce oxides of carbon and/or nitrogen on combustion.
<b>SECTION 11: Toxicological Information</b>		
11.1	<b>Information on Toxicological Effects:</b> No data available on the product. Health effects of the product are derived from ingredient literature review and concentrations present. If available, relevant toxicological properties of the components that contribute to classification of the mixture in Section 3 are provided. Evaluations for the mixture may be based on additional information not shown. The product uses ingredients presented herein from suppliers that have not tested the ingredients on animals for cosmetic purposes since the 11-March-2009 time table set forth by the EU Commission in accordance with EU Cosmetic Directive (EC) No. 1223/2009.	
	<b>Potential Acute Health Effects and Symptoms:</b>	<b>Eye Exposure:</b> Direct eye contact with undiluted product may cause eye irritation. Symptoms may include mild stinging, tearing, and redness.
		<b>Skin Exposure:</b> No adverse effects expected from normal use.
		<b>Ingestion:</b> May cause gastrointestinal discomfort if swallowed.
		<b>Inhalation:</b> No adverse effects expected from normal use.
	<b>Potential Chronic Health Effects:</b>	None known
	<b>Acute Toxicity:</b>	Based on available data, classification criteria are not met.
	<b>Skin Corrosion/Irritation:</b>	Based on available data, classification criteria are not met.
	<b>Serious Eye Damage/Irritation:</b>	<b>Product Summary/Conclusion:</b> Causes eye irritation.
		<b>Ethanol:</b> CAS 64-17-5 Acute Eye Irritation/Corrosion, OECD 405, Rabbit (100% active): eye irritant (Category 2A) Draize Eye Irritation, Rabbit (25-50% active): Non-irritating
		<b>Behentrimonium Chloride:</b> CAS 17301-53-0 Acute Eye Irritation/Corrosion, OECD 405, Rabbit (undiluted): Serious eye damage Draize Eye Test, Rabbit (3% active): Mild, transient eye irritation Bovine Corneal Opacity and Permeability (BCOP), Formulations containing 1 - 5%: Non-irritating

UN.TANGLED

Revision Date: 07Oct21 SDS-000090-05

		<b>Cetrimonium Chloride:</b> CAS 112-02-7 Acute Eye Irritation/Corrosion, OECD 405, Rabbit (25% active): Serious eye damage Draize Eye Test, Rabbit (10% active): Severe irritant Draize Eye Test, Rabbit (5% active): Highly irritating Draize Eye Test, Rabbit, (Formulation containing 2% active): moderate, reversible irritant
	<b>Respiratory or Skin Sensitization:</b>	Based on available data, classification criteria are not met.
	<b>Germ Cell Mutagenicity:</b>	No components at levels greater than or equal to 0.1% are listed as a mutagen in EU Regulation (EC) No. 1272/2008 [CLP].
	<b>Carcinogenicity:</b>	No components at levels greater than or equal to 0.1% are listed as a human carcinogen in EU Regulation (EC) No. 1272/2008 [CLP], IARC, US-OSHA, or NTP.
	<b>Reproductive Toxicity:</b>	No components at levels greater than or equal to 0.1% are listed as a reproductive toxin in EU Regulation (EC) No. 1272/2008 [CLP].
	<b>STOT-Single Exposure:</b>	Not classified due to lack of data.
	<b>STOT-Repeated Exposure:</b>	Not classified due to lack of data.
	<b>Aspiration Hazard:</b>	Not classified due to lack of data.
	<b>Other Information:</b>	No other relevant information available.
<b>SECTION 12: Ecological Information</b>		
12.1	<b>Toxicity:</b>	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
12.2	<b>Persistence and Degradability:</b>	No data available
12.3	<b>Bioaccumulative Potential:</b>	
	<b>Partition Coefficient: n-octanol/water</b>	Not available
	<b>Bioconcentration Factor (BCF):</b>	Not available
12.4	<b>Mobility in Soil:</b>	No data available
12.5	<b>Results of PBT and vPvB Assessment:</b>	vPvB: Decamethylcyclopentasiloxane (CAS 541-02-6) - Product Codes 22004-08, 7445-8387-4
12.6	<b>Other Adverse Effects:</b>	No other known adverse environmental effects or critical hazards.
<b>SECTION 13: Disposal Considerations</b>		
13.1	<b>Waste Treatment Methods:</b>	
	<b>Waste Disposal:</b>	Dispose of waste material and containers in accordance with appropriate local, regional, and national regulations. Do not dispose through sewage. Empty containers should be taken to an approved waste handling site for recycling or disposal.
	<b>Special Precautions:</b>	No relevant additional information available.
<b>SECTION 14: Transport Information</b>		
14.1	<b>UN Number:</b>	Not regulated
14.2	<b>UN Proper Shipping Name:</b>	Not regulated
14.3	<b>Transport Hazard Classes:</b>	Not classified as a dangerous good under transport regulations.
14.4	<b>Packing Group:</b>	None
14.5	<b>Environmental Hazards:</b>	Not applicable/Exempt
14.6	<b>Special Precautions for User:</b>	Transport within user's premises: Transport in closed containers that are upright and secure. Read SDS before handling.
14.7	<b>Transport in Bulk According to Annex II of Marpol and the IBC Code:</b>	Not applicable

**SECTION 15: Regulatory Information**

15.1	<b>Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:</b>	
	EU Regulation (EC) No. 1907/2006 REACH Article 59(10) and Annexes XIV and XVII, as amended: Product codes 22004-08, 7445-8387-4: Decamethylcyclopentasiloxane (CAS 541-02-6)	
	EU Directive 2012/18/EU on major accident hazards involving dangerous substances: Not regulated	
	EU Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended: No components in this product are listed.	
	EU Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I, as amended: No components in this product are listed.	
	EU Regulation (EC) No. 649/2012 concerning export/import of dangerous chemicals, Annex I (parts 1 - 3) & Annex V, as amended: No components in this product are listed.	
	EU Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry: No components in this product are listed.	
	National Regulations of EU Member States: Follow national regulations for work with chemical agents.	
	German Water Hazard Class (WGK) for Mixture: WGK 2	
	US SARA 302 TPQ: No components in this product are listed at levels that require reporting.	
	US SARA 304 RQ: No components in this product are listed at levels that require reporting.	
	US SARA 311/312: Not applicable - product is exempt.	
	US SARA 313: No components in this product are listed at levels that require reporting.	
	US CERCLA RQ: No components in this product are listed at levels that require reporting.	
US Clean Air Act (CAA) Section 112(r) TQ: No components in this product are listed at levels that require reporting.		
US Clean Water Act (CWA): No components in this product are listed.		
US State Regulations: Follow state regulations for work with chemical agents.		
15.2	<b>Chemical Safety Assessment:</b>	No Chemical Safety Assessment has been carried out.

**SECTION 16: Other Information**

Legend to Abbreviations:	ACGIH: American Conference of Governmental Industrial Hygienists
	BOELV: Binding Occupational Exposure Limit Values
	CAS: Chemical Abstracts Service
	CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
	CLP: Classification, Labelling and Packaging of Substances and Mixtures
	EC: European Commission
	EU: European Union
	IARC: International Agency for the Research of Cancer
	IBC: Intermediate Bulk Container
	IDHL: Immediately Dangerous to Life or Health Concentrations
	IOELV: Indicative Occupational Exposure Limit Values
	NIOSH: National Institute for Occupational Safety and Health
	NTP: National Toxicology Program
	OECD: Organisation for Economic Co-operation and Development
	OEL: Occupational Exposure Limit
	PBT: Persistent, Bioaccumulative, and Toxic
	vPvB: very Persistent and very Bioaccumulative
	PEL: Permissible Exposure Limit
	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
	REL: Recommended Exposure Limit
	RQ: Reportable Quantity
SARA: Superfund Amendments and Reauthorization Act	
SDS: Safety Data Sheet	
STEL: Short Term Exposure Limit	
STOT: Specific Target Organ Toxicity	
TLV: Threshold Limit Value	
TPQ: Threshold Planning Quantity	
TQ: Threshold Quantity	
TWA: Time Weighted Average	
UN: United Nations	
US: United States	
US-OSHA: United States Occupational Safety & Health Administration	

**Evaluation Methods Used for Classification of the Mixture:** Calculation method and expert judgement.

UN.TANGLED

Revision Date: 07Oct21 SDS-000090-05

<b>Training Advice:</b>	It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product.
<b>Disclaimer:</b>	This Safety Data Sheet is intended to provide a brief summary of our knowledge and guidance regarding the use of this product. The information set forth herein has been compiled from sources considered to be reliable and is believed to be accurate as of the date of publication. This information is offered in good faith by Kevin Murphy Business Services Pty Ltd and the accuracy, suitability or completeness is not guaranteed, and no warranties of any type, either expressed or implied, are provided. If this product is combined with other materials, all component properties must be considered. The user assumes all liability for any damage or from any hazards inherent in the nature of the product.
<b>Last Revision Date:</b>	02Jun20
<b>Revision Information:</b>	Updated section 1.