

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

1.1	Product Identifier:	KEVIN.MURPHY YOUNG.AGAIN		
	Product Codes:	PN-KM-00116, VA-KM-00114		
1.2	Relevant Identified Uses:	Personal Care - Hair Conditioner		
	Uses Advised Against:	None known		
1.3	Supplier of Safety Data Sheet:	Kevin Murphy Business Services Pty Ltd 47 Discovery, Suite 230, Irvine, CA 92618, USA 949-407-5100 KMRegulatory@kevinmurphy.com.au		
		Europe/International Kevin Murphy Europe A/S Refshalevej 163A, DK-1432 Copenhagen K +45 20 20 34 56 KMRegulatory@kevinmurphy.com.au	Australia Ozdare Pty Ltd 7 Endeavour Way Sunshine West VIC 3020, Australia +61 3 9314 9099	
1.4	Emergency Telephone Number:	CHEMTEL: 1-800-255-3924 (North America), +1-813-248-0585 (International) 1-300-954-583 (Australia), 800-099-0731 (Mexico), 000-800-100-4086 (India), 400-120-0751 (China) Australia Poisons Information Centre: 13 11 26		
		Kevin.Murphy ChemTel Contract Number: Available upon request at KMRegulatory@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	Classification of the Substance or Mixture:	Physical Hazards: Flammable Liquid - Category 4 Health Hazards: Not Classified Environmental Hazards: Not Classified		
2.2	Labeling Elements:	Hazard Signal Word: Warning Hazard Statements: H227: Combustible liquid Precautionary Statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P403: Store in well ventilated place. P501: Dispose of contents and container in accordance with all local, regional, national and international regulations.	Hazard Pictograms: None	
2.3	Other Hazards:	vPvB: Decamethylcyclopentasiloxane (CAS 541-02-6) 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
Decamethylcyclopentasiloxane ¹	541-02-6	208-764-9	Flammable Liquid, Category 4	H227: Combustible liquid	70 - 90
¹ Substance of Very High Concern (SVHC) under REACH Regulation (EC) No. 1907/2006.					
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	Description of First Aid Measures:	<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	Most Important Symptoms and Effects, Both Acute and Delayed:	No information available
4.3	Indication of Immediate Medical Attention and Special Treatment Needed:	Provide general supportive measures and treat symptomatically. No known specific antidotes.
SECTION 5: Firefighting Measures		
5.1	Extinguishing Media:	<p><u>Suitable Extinguishing Media</u>: Water mist, dry chemical, alcohol resistant foam, or carbon dioxide.</p> <p><u>Unsuitable Extinguishing Media</u>: High volume water jet.</p>
5.2	Special Hazards Arising from the Substance or Mixture:	Warning! Combustible liquid. When heated above the flash point, vapours may burn or form explosive mixture with air. Flash back possible over considerable distance. Runoff to sewer may create fire or explosion hazard. May produce oxides of carbon and/or nitrogen on combustion.
5.3	Advice for Firefighters:	Wear self-contained breathing apparatus and full personal protective gear. Use standard firefighting procedures.
SECTION 6: Accidental Release Measures		
6.1	Personal Precautions, Protective Equipment and Emergency Procedures:	Observe all personal protection equipment recommendations described in Section 8. Remove all sources of ignition and ensure adequate ventilation. Ventilate closed spaces before entering them. Keep unnecessary personnel away.
6.2	Environmental Precautions:	Dike or contain spill to prevent from entering drains. Avoid direct release to drains, surface and ground water.
6.3	Methods and Material for Containment and Cleaning Up:	Clean up spill with non-combustible absorbent material. Clean area to prevent a slip hazard. Place all sweepings and absorbents into suitable containers for disposal. Use non-sparking tools and equipment. Take action to prevent static discharges.
6.4	Reference to Other Sections:	For personnel protection, see Section 8. For waste disposal, see Section 13.
SECTION 7: Handling and Storage		
7.1	Precautions for Safe Handling:	Do not use near open flames, sparks or other ignition sources. Utilize safe handling and transportation techniques to avoid spillage or rupture of the product. Ensure adequate ventilation in the workplace. Do not eat, drink, or smoke while handling. Wear appropriate personal protective equipment (see Section 8). Observe good hygiene practices.
7.2	Conditions for Safe Storage, Including Any Incompatibilities:	Store in a cool, dry, and well-ventilated area away from direct sun-light. Do not expose to temperatures exceeding 50°C/122°F. Do not store near heat, hot surfaces, sparks, open flames and other ignition sources. Store away from incompatible materials (see Section 10).
7.3	Specific End Use(s):	No further relevant information available.
SECTION 8: Exposure Controls / Personal Protection		
8.1	Control Parameters:	This product does not contain substances assigned an occupational exposure limit within US OSHA regulations or EU OEL Directives.

	Recommended Monitoring Procedures:	Reference national/federal monitoring standards
	Biological Limit Values:	This product does not contain substances with biological exposure limit values.
	Derived No Effect Level (DNEL):	No information available
	Predicted No Effect Concentrations (PNEC):	No information available
8.2	Exposure Controls:	
	Appropriate Engineering Controls:	General ventilation recommended.
	Eye/Face Protection:	Not required
	Skin and Hand Protection:	Not required
	Respiratory Protection:	Not required
	Thermal Hazards:	Refer to Section 5 for fire personal protective equipment.
	Hygiene Measures:	Do not eat, drink or smoke during product use or handling. Observe good personal hygiene measures.
	Environmental Exposure Controls:	Environmental manager must be informed of all major releases.

SECTION 9: Physical and Chemical Properties

9.1	Information on Basic Physical and Chemical Properties:	
	Appearance:	Violet, slightly hazy, slightly viscous liquid
	Odor:	Fruity
	Odor Threshold:	No data available on this product
	pH:	No data available on this product
	Melting Point:	No data available on this product
	Freezing Point:	No data available on this product
	Initial Boiling Point/Boiling Range:	No data available on this product
	Flashpoint:	70°C (158°F) to 77°C (171°F); based on component data and concentrations
	Evaporation Rate:	No data available on this product
	Flammability (solid, gas):	No data available on this product
	Upper/Lower Flammability or Explosive Limits:	No data available on this product
	Vapor Pressure:	No data available on this product
	Vapor Density:	No data available on this product
	Relative Density (water=1.0):	0.940 - 0.970
	Solubility (in water):	Insoluble
	Partition Coefficient (n-octanol/water):	No data available on this product
	Autoignition Temperature:	No data available on this product
	Decomposition Temperature:	No data available on this product
	Viscosity:	1,500 - 2,500 cP
	Explosive Properties:	No data available on this product
	Oxidizing Properties:	No data available on this product
9.2	Other Information:	No relevant additional information available on this product.

SECTION 10: Stability and Reactivity

10.1	Reactivity:	The product is not reactive under normal conditions of use, storage and transport.
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10.2	Chemical Stability:	The product is stable under normal handling and storage conditions.
10.3	Possibility of Hazardous Reactions:	No hazardous reactions known under conditions of normal use. Hazardous polymerization is not expected.
10.4	Conditions to Avoid:	Direct sunlight, extremely high or low temperatures, sparks, open flame, and other ignition sources.
10.5	Incompatible Materials:	Strong acids, bases, and oxidizing agents.
10.6	Hazardous Decomposition Products:	No hazardous decomposition products are known. May produce oxides of carbon and/or nitrogen on combustion.

SECTION 11: Toxicological Information

11.1	Information on Toxicological Effects:	No data available on the mixture. Health effects of the mixture are derived from component literature review and concentrations present. 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.
	Potential Acute Health Effects and Symptoms:	Eye Exposure: No adverse effects expected from normal use. Skin Exposure: No adverse effects expected from normal use. Ingestion: May cause gastrointestinal discomfort if swallowed. Inhalation: No adverse effects expected from normal use.
	Potential Chronic Health Effects:	None known
	Acute Toxicity:	Based on available data, classification criteria are not met.
	Skin Corrosion/Irritation:	Product Summary/Conclusion: Based on available data, classification criteria are not met. Decamethylcyclopentasiloxane: CAS 541-02-6 Acute Dermal Irritation/Corrosion, OECD 404, Rabbit: Not irritating to skin
	Serious Eye Damage/Irritation:	Product Summary/Conclusion: Based on available data, classification criteria are not met. Decamethylcyclopentasiloxane: CAS 541-02-6 Acute Eye Irritation/Corrosion, OECD 405, Rabbit (100% active): Not irritating
	Respiratory or Skin Sensitization:	Product Summary/Conclusion: Based on available data, classification criteria are not met. Decamethylcyclopentasiloxane: CAS 541-02-6 Skin Sensitization, OECD 429, Mouse: Not sensitizing
	Germ Cell Mutagenicity:	Product Summary/Conclusion: Based on available data, classification criteria are not met. No components at levels greater than or equal to 0.1% are listed as a mutagen in EU Regulation (EC) No. 1272/2008 [CLP]. Decamethylcyclopentasiloxane: CAS 541-02-6 Mammalian Chromosome Aberration Test (OECD 473), Hamster: Negative
	Carcinogenicity:	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.
	Reproductive Toxicity:	Product Summary/Conclusion: Based on available data, classification criteria are not met. 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]. Decamethylcyclopentasiloxane: CAS 541-02-6 Two-Generation Reproduction Toxicity, Rat, Inhalation: NOAEL \geq 160 ppm
	STOT-Single Exposure:	Based on available data, classification criteria are not met.
	STOT-Repeated Exposure:	Product Summary/Conclusion: Based on available data, classification criteria are not met. Decamethylcyclopentasiloxane: CAS 541-02-6 Repeated Dose 90-Day Oral Toxicity, OECD 408, Rat: NOAEL \geq 1000 mg/kg bw/d
	Aspiration Hazard:	Not classified due to lack of data.
	Other Information:	No other relevant information available.

SECTION 12: Ecological Information

12.1	Toxicity:	Not classified due to lack of data.
12.2	Persistence and Degradability:	No data available

12.3	Bioaccumulative Potential:	
	Partition Coefficient: n-octanol/water	Not available
	Bioconcentration Factor (BCF):	Not available
12.4	Mobility in Soil:	No data available
12.5	Results of PBT and vPvB Assessment:	vPvB: Decamethylcyclopentasiloxane (CAS 541-02-6)
12.6	Other Adverse Effects:	No other known adverse environmental effects or critical hazards.
SECTION 13: Disposal Considerations		
13.1	Waste Treatment Methods:	
	Waste Disposal:	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.
	Special Precautions:	Observe all precautions for combustible waste.
SECTION 14: Transport Information		
14.1	UN Number:	Not regulated
14.2	UN Proper Shipping Name:	Not regulated
14.3	Transport Hazard Classes:	Not classified as a dangerous good under transport regulations.
14.4	Packing Group:	None
14.5	Environmental Hazards:	Not applicable/Exempt
14.6	Special Precautions for User:	Transport within user's premises: Transport in closed containers that are upright and secure. Read SDS before handling.
14.7	Transport in Bulk According to Annex II of Marpol and the IBC Code:	Not applicable
SECTION 15: Regulatory Information		
15.1	Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:	
	EU Regulation (EC) No. 1907/2006 REACH Article 59(10) and Annexes XIV and XVII, as amended : 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 3	
	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	Chemical Safety Assessment:	No Chemical Safety Assessment has been carried out.

SECTION 16: Other Information	
Legend to Abbreviations:	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
	NOAEL: No Observed Adverse Effect Level
	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
	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
	RQ: Reportable Quantity
	SARA: Superfund Amendments and Reauthorization Act
	SDS: Safety Data Sheet
	STOT: Specific Target Organ Toxicity
	TPQ: Threshold Planning Quantity
	TQ: Threshold Quantity
US: United States	
US-OSHA: United States Occupational Safety & Health Administration	
Evaluation Methods Used for Classification of the Mixture: Calculation method	
Training Advice:	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.
Disclaimer:	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.
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