KIK
CUSTOM PRODUCTS

SAFETY DATA SHEET

Page 1 of 6

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: '01/12/2015

1. PRODUCT & COMPANY IDENTIFICATION			
I.1 Product Name:	JOHN PAUL MITCHELL SYSTEMS - WORKED UP 55%VOC		
I.2 Chemical Name:	Aerosol		
I.3 Synonyms:	John Paul Mitchell Systems - Worked Up 55%VOC - B-9114		
I.4 Trade Names:	John Paul Mitchell Systems - Worked Up		
I.5 Product Uses & Restrict	Professional and Cosmetic Use		
I.6 Distributor's Name:	KIK Custom Products.		
I.7 Distributor's Address:	2030 Old Candler Road, Gainesville, GA 30507 USA		
I.8 Emergency Phone:	CHEMTEL: +1 (813) 248-0585 / +1 (888) 255-3924 (CN – MIS0002907)		
I.9 Business Phone / Fax:	+1 (770) 534-0300 / +1 (770) 534-8954		

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC:1008 (2004) and ADG Code (Australia).

WARNING! FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED.

WARNING! FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. HIGHLY FLAMMABLE LIQUID AND VAPOR. CAUSES EYE IRRITATION.

<u>Classification</u>: Aerosol Level 2, Category 1 Aerosol; Extremely Flammable Aerosol <u>Hazard Statements</u> (H): H223 – Flammable aerosol. H229 – Pressurized container: may burst if

heated. H320 – Causes eye irritation.

Precautionary Statements (P): P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking. P211 – Do not spray on an open flame or other ignition source. P251 – Do not pierce or burn, even after use. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337+P313 – If eye Irritation persists: Get medical advice/attention. P101 If medical advice is needed, have product container or label at hand. P102 – Keep out of reach of children. P410+P412 – Protect from sunlight. Do not expose to temperature exceeding 50 °C (122 °F). P501 – Dispose of contents/container to licensed and permitted disposal or recycling facility.



3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA

					AC	GIH		NOHSC			OSHA		
					pp	m		ppm			ppm		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
Ethanol	64-17-5	KQ6300000	200-578-6	-30 60	1000	3000	1000	1800	NF.	1000	1900	3300	
Luidioi	Flam. Liq. 2; H2	25											
Dimethyl Ether	115-10-6	NA	204-065-8	2 - 30	NA	NA	400	760	NF	NA	NA	NA	i
Billietry Etrici	Press. Gas 1; I	lam. Gas 1; H22	0										
Hydrofluorocarbon 152a	75-37-6	KI410000	200-866-1	8 - 55	1000	NA	1000	NA	NA	NE	NA	NA	
nyuroiluorocarbon 152a	Flam. Gas 1; H	1220											

4. FIRST AID MEASURES

4.1	First Aid:	Ingestion:	If ingested, do not induce vomiting! If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.
		Skin:	If irritation occurs & product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with plenty of soap and water. Remove contaminated clothing and wash thoroughly before reuse. If irritation, redness or swelling persists, consult a physician immediately.
		Eyes:	If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Raise and lower eyelid(s) while flushing to ensure thorough irrigation. If problems persist seek immediate medical attention.
		Inhalation:	Remove victim to fresh air and keep comfortable for breathing.
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			4. FIRST AID MEASURES - cont'	d				
4.2	Effects of Exposure:	Ingestion:	If product is swallowed, may cause nausea, vomiting	g and/or diarrhea and central nervous	system			
		Evos:	depression.					
		<u>Eyes</u> : Skin:	Moderately irritating to the eyes. May be irritating to skin. The product can cause allergic	skin reactions (e.g. rashes welts derm	natitis) ir			
		Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, some sensitive individuals upon prolonged or repeated exposure.						
		<u>Inhalation</u> :						
			drowsiness, dizziness, headaches, nausea).	adoc dentral hervodo system depressi	on (c.g.			
4.3	Symptoms of Overexposure:	Ingestion:	May cause nausea, vomiting and/or diarrhea and central	,				
		Eyes:	Overexposure in eyes may cause redness, itching a Contact may cause mild eye irritation including stinging,		to eyes			
		Skin:	Prolonged contact with skin may result in bleaching and	•	e allergi			
			skin reactions (e.g., rashes, welts, dermatitis) in se	ome sensitive individuals. Symptoms				
		Inhalation	overexposure may include redness, itching, and irritation		hina			
1.4	Acute Health Effects:	Inhalation: Moderate in	Symptoms of overexposure can include coughing, wheez ritation to eyes and skin near affected areas. Additio					
			dizziness, headaches and nausea.	many, mgn concentrations of vapors ca	ii cause			
4.5	Chronic Health Effects:		or chronic health effects are expected to occur from a sing					
			skin and mucous membrane of the eye and respiratory some sensitive individuals. May also induce skin sensi					
		allergic derm	•	inzation and respiratory hypersonisiavity.	1 00000			
1.6	Target Organs:		espiratory system.					
.7	Medical Conditions Aggravated by Exposure:		n hazards may be delayed. Most common symptoms ting properties to eyes, respiratory system and skin.	HEALTH	1			
			matological conditions (such as eczema) and respiratory	FLAMMABILITY	3			
			such as bronchial asthma and/or bronchitis) may be	PHYSICAL HAZARDS	0			
		exacerbated		PROTECTIVE EQUIPMENT EYES SKIN	В			
				ETES SKIN				
5.1	Fire & Explosion Hazards:		5. FIREFIGHTING MEASURES osol NFPA 30B), (category 2 Flammable aerosol). Aeroso					
5.1	Fire & Explosion Hazards:	above 120 °F hazards whe may rupture	osol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if	. Aerosols may be projectile ing is complete. Containers exposed to the heat of fire.				
	Fire & Explosion Hazards: Extinguishing Methods:	above 120 °F hazards whe may rupture Keep contair Water Fog, F	osol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if the second by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂	. Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. n extinguished.				
5.2		above 120 °I hazards whe may rupture Keep contair Water Fog. F As in any demand) an spray to coc water directly control or di Firefighters i	osol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if ners cool by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂ fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after old fire-exposed surfaces and to protect personal. Fight of y into storage containers because of danger of boil overlution from entering sewers, drains, drinking water supplemust use full bunker gear including NIOSH-approved posparatus to protect against potential hazardous combustion	Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. In extinguished. thing apparatus (pressure-ter the fire is out. Use water ire upwind. Avoid spraying iter. Prevent runoff from fire y, or any natural waterway. Itive pressure self-contained	0			
5.2	Extinguishing Methods:	above 120 °I hazards whe may rupture Keep contair Water Fog. F As in any demand) an spray to coc water directl control or di Firefighters i breathing ap and oxygen	osol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if ners cool by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂ fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after old fire-exposed surfaces and to protect personal. Fight for interesting the storage containers because of danger of boil over lution from entering sewers, drains, drinking water supplement use full bunker gear including NIOSH-approved post paratus to protect against potential hazardous combustion deficiencies.	Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. n extinguished. thing apparatus (pressure ire upwind. Avoid spraying ire. Prevent runoff from fire y, or any natural waterway. It ive pressure self-contained in or decomposition products	0			
5.2 5.3 6.1	Extinguishing Methods:	above 120 °f hazards whe may rupture Keep contain Water Fog, F As in any demand) an spray to coo water directl control or di Firefighters is breathing ap and oxygen Before clea Equipment. Small Spills: material suc water or a riplastic broor Large Spills: or release.	osol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if ners cool by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂ fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after old fire-exposed surfaces and to protect personal. Fight of y into storage containers because of danger of boil overlution from entering sewers, drains, drinking water supplemust use full bunker gear including NIOSH-approved posparatus to protect against potential hazardous combustion	Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. In extinguished. Ithing apparatus (pressure-ter the fire is out. Use water irre upwind. Avoid spraying er. Prevent runoff from fire y, or any natural waterway. It is pressure self-contained in or decomposition products RES The must wear appropriate Personal Person may be required for clean-up of large and protective eyewear. Use a non-contained in or a container for later disposal. Do pup material using non-sparking material plastic liner within another container. It is away from spill. Stay upwind and away from spill. Stay upwind and away from spill or release	spills. nbustible not use als (e.g., rom spile if it ca			
5.3	Extinguishing Methods: Firefighting Procedures:	above 120 °f hazards whe may rupture Keep contain Water Fog, F As in any demand) an spray to coo water directl control or di Firefighters is breathing ap and oxygen Before clea Equipment. Small Spills: material suc water or a riplastic broor Large Spills: or release, be done with	psol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if ners cool by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂ fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after the storage containers because of danger of boil over lution from entering sewers, drains, drinking water supplimust use full bunker gear including NIOSH-approved posparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASUF ining any spill or leak, individuals involved in spill clear Plastic or rubber gloves, respirator, eye protection and applications are suppropriate protective equipment including gloves the as vermiculite or sand to soak up the product and plactions are supplicated in the supplier of the supp	Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. In extinguished. Ithing apparatus (pressure-ter the fire is out. Use water irre upwind. Avoid spraying er. Prevent runoff from fire y, or any natural waterway. Itive pressure self-contained in or decomposition products RES The must wear appropriate Personal Person may be required for clean-up of large and protective eyewear. Use a non-container in later disposal. Do pup material using non-sparking material plastic liner within another container. In away from spill. Stay upwind and away for sonnel out of area. Stop spill or release unding respiratory protection as conditions	spills. nbustible not us als (e.g., rom spile if it ca			
5.2	Extinguishing Methods: Firefighting Procedures:	above 120 °f hazards whe may rupture Keep contain Water Fog, F As in any demand) an spray to coo water directl control or di Firefighters is breathing ap and oxygen Before clea Equipment. Small Spills material suc water or a riplastic broor Large Spills: or release, be done with Do not eat, container(s).	psol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if ners cool by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂ fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after the storage containers because of danger of boil over lution from entering sewers, drains, drinking water suppliments use full bunker gear including NIOSH-approved posparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASUF in ming any spill or leak, individuals involved in spill clear Plastic or rubber gloves, respirator, eye protection and application or undersided the several such as "speedy dry" to soak up the product and place was vermiculite or sand to soak up the product and place ins, shovels, dustpans) and place into a plastic container on Keep incompatible materials (e.g., organics such as oil) Isolate immediate hazard area and keep unauthorized perminimal risk. Wear appropriate protective equipment including list incompatible materials protective equipment including minimal risk. Wear appropriate protective equipment including list incompatible materials (e.g., organics such as oil)	Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. In extinguished. Ithing apparatus (pressure-ter the fire is out. Use water irre upwind. Avoid spraying er. Prevent runoff from fire y, or any natural waterway. It is pressure self-contained in or decomposition products RES The must wear appropriate Personal Person may be required for clean-up of large and protective eyewear. Use a non-composition products into a container for later disposal. Do per up material using non-sparking material plastic liner within another container. It is away from spill. Stay upwind and away from spill. Stay upwind and away from spill in the pressure in the pressure in the pressure in the pressure. Handle as to avoid purpose in the pressure.	spills. nbustible not us als (e.g from spi e if it ca warrant			
5.2_5.3	Extinguishing Methods: Firefighting Procedures: Spills:	above 120 °f hazards whe may rupture Keep contain Water Fog, F As in any demand) an spray to coo water directl control or di Firefighters i breathing ap and oxygen Before clea Equipment. Small Spills: material suc water or a material suc water or endinger or elease. be done with To not eat, container(s), contact is po Use and sto sunlight. Ave	psol NFPA 30B), (category 2 Flammable aerosol). Aeroso F. Cool uninvolved containers to prevent possible bursting in bursting. If aerosols are bursting, stay clear until burst and release flammable liquids or/or exposed gasses if ners cool by spraying them with water until the fire has bee Foam, Dry Chemical, CO ₂ fire, wear MSHA/NIOSH approved self-contained bread of full protective gear. Keep containers cool until well after the storage containers because of danger of boil over lution from entering sewers, drains, drinking water supplimust use full bunker gear including NIOSH-approved posparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASUF in any spill or leak, individuals involved in spill clear Plastic or rubber gloves, respirator, eye protection and appropriate protective equipment including gloves are as vermiculite or sand to soak up the product and place and has seriously as speedy dry to soak up material. Sweems, shovels, dustpans) and place into a plastic container on Keep incompatible materials (e.g., organics such as oil) Isolate immediate hazard area and keep unauthorized per minimal risk. Wear appropriate protective equipment including lists. Wear appropriate protective equipment including risks. Wear appropriate protective equipment including lists as intended, no additional protective equipment when used as intended, no additional protective equipment including this product. Contents	Aerosols may be projectile ing is complete. Containers exposed to the heat of fire. In extinguished. Ithing apparatus (pressure-ter the fire is out. Use water ire upwind. Avoid spraying iter. Prevent runoff from fire y, or any natural waterway. It is pressure self-contained in or decomposition products RES In up must wear appropriate Personal Person may be required for clean-up of large and protective eyewear. Use a non-content in a container for later disposal. Do pup material using non-sparking material plastic liner within another container. In away from spill. Stay upwind and away for sonnel out of area. Stop spill or release unding respiratory protection as conditions TION under pressure. Handle as to avoid purent is necessary. Use chemical gogglivater. aust ventilation, fans) away from heat a tible substances. Protect containers from	spills. nbustible not us als (e.g irom spi e if it ca warrant uncturin es if ey nd dire			



10.2

10.3

10.5

Hazardous Decomposition

Hazardous Polymerization:

Incompatible Substances:

Conditions to Avoid:

Products:

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 01/12/2015 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Exposure Limits: ACGIH NOHSC OTHER ppm (mg/m³) CHEMICAL NAME(S) TLV STEL ES-TWA ES-STEL ES-PEAK STEL **I**DLH Hydrofluorocarbon 152a 1000 NA 1000 NA ΝE NA Dimethyl Ether 400 NA NA NA 8.2 Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. In instances where dusts of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or 8.4 Eve Protection: Avoid eye contact. None required under normal conditions of use. Safety glasses could be used when handling or using large quantities of this product. None required under normal conditions of use. However, may cause skin irritation in some 8.5 Hand Protection: sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon (3.8 L)), wear rubber, nitrile or impervious plastic gloves. 8.6 Body Protection: No apron required when handling small quantities. When handling large quantities (e.g., ≥ 5 lbs), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water. 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Appearance: Aerosol, Misty spray 9.2 Odor: Floral odor 9.3 Odor Threshold: NA 9.4 NA 9.5 Melting Point/Freezing Point: NA Initial Boiling Point/Boiling 96 NA Range: Flashpoint: 9.7 -30 °F (-34 °C) TCC for propellant only: 36 °F (2.22 °C) EPA method 1010 Concentrate only 9.8 Upper/Lower Flammability UEL 115% V; LEL 1.2% V Limits: 9.9 Vapor Pressure: @ 20°C (68°F) - Can pressure not to exceed 180 psig @ 55°C (131°F) 12.4 bar 9.10 Vapor Density: > 1 9.11 Relative Density: 0.81 - 0.85 9.12 Solubility: Soluble Partition Coefficient (log Pow): 9.13 NA 9.14 Autoignition Temperature NΑ 9.15 Decomposition Temperature: NΑ 9.16 Viscosity: Aerosol at ambient temperature 9.17 Other Information: Evaporation rate >1: Percent Volatile 55%VOC 10. STABILITY & REACTIVITY 10.1 Stability: Stable at normal temperatures.

Excessive heat, direct sunlight, flames, heat sources and incompatible substances

Oxides of carbon (CO, CO₂) and sulfur (SO₂).

Mixture with strong acids, alkalis or oxidizers.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 01/12/2015 11. TOXICOLOGICAL INFORMATION Absorption: YES 11.1 Routes of Entry: Ingestion: YES Toxicity Data: This product was not tested on animals. Toxicology data, found in scientific literature, is available for some of the components of the product. Toxicology data, found in scientific literature, is available and not presented in this 11.3 Acute Toxicity: See Section 4.4 See Section 4.5 Chronic Toxicity 11.4 Suspected Carcinogen 11.5 This product is not reported to cause reproductive toxicity in humans. 11.6 Reproductive Toxicity: Mutagenicity: This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. Embryotoxicity: Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. See Section 4.3 11.7 Irritancy of Product: Biological Exposure Indices: 11.8 NF Treat symptomatically. 119 Physician Recommendations: 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: There is no specific data available for this product. 122 Effects on Plants & Animals: There is no specific data available for this product. 12.3 Effects on Aquatic Life: The product itself has not been tested as a whole. There is no specific data available for this product, 13. DISPOSAL CONSIDERATIONS Waste Disposal: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. A licensed facility or waste hauler must provide treatment, transport, storage and disposal of hazardous waste. 13.2 Special Considerations: U.S. EPA Hazardous Waste - Characteristic - Ignitable (D001), Reactive (D003) 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or 49 CFR (GND): CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1.0 L) - until 12/31/2020 14.2 IATA (AIR): UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 0.5 L); or ID8000, CONSUMER COMMODITY, ORM-D (IP VOL ≤ 0.5 L) IMDG (OCN): 14.3 UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L) 14.4 TDGR (Canadian GND) UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or MARK PACKAGE "LIMITED QUANTITY," "LTD QTY," or "QUANT LTÉE" or "QUANTITÉ LIMITÉE" 14.5 ADR/RID (EU): UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L) SCT (MEXICO): 14.6 UN1950, AEROSOLES, 2.1 (CANTIDAD LIMITADA, IP VOL ≤ 1.0 L) 14.7 ADGR (AUS): UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L) 15. REGULATORY INFORMATION 15.1 SARA Reporting This product does not contain any substances subject to SARA Title III, section 313 reporting requirements. Requirements: 15.2 SARA Threshold Planning There are no specific Threshold Planning Quantities for the components of this product. Quantity: 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.4 CERCLA Reportable Quantity NA (RQ): 15.5 Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, (Cosmetics). 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class B5 (Flammable Aerosol)



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0

SDS Revision Date: 01/12/2015

ТТОРС	3100 10 0011/1, 7100, 711101, 11	DIGO, WHIND, 2001/30 & 121/2/2000/EC Statiotatus 350 Nevision 1,0 350 Nevision Date: 011/2/2013
		15 DECLU ATODY INFORMATION - contid
	T	15. REGULATORY INFORMATION – cont'd
15.7	State Regulatory Information:	Dimethyl ether is found on the following state criteria lists: Massachusetts Hazardous Substances List (MA), Pennsylvania Right-to-Know List (PA), and New Jersey Right-to-Know List (NJ). Hydrofluorocarbon 152a on the following state criteria list: MA, MN, NJ,PA and WA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC. Dimethyl Ether Flammable (F+). Risk Phrases (R): 12 – Highly flammable. Safety Phrases (S): 2-9-16 – Keep out of reach of children. Keep container in a well-ventilated place. Keep away from sources of ignition – No smoking. Hydrofluorocarbon 152a Risk Phrases (R): 12 – Highly flammable. Safety Phrases (S): 2-9-16 – Keep out of reach of children. Keep container in a well-ventilated place. Keep away from sources of ignition – No smoking. Flammable (F+)
		16. OTHER INFORMATION
16.1	Other Information:	WARNING! FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES EYE IRRITATION. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing vapor/spray. Wash thoroughly with soap and water after handling. Use only in a well-ventilated area. Wear eye protection. Protect from sunlight. Do not expose to temperature exceeding 50 °C (122 °F). IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye Irritation persists: Get medical advice/attention. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of KIK Custom Products' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared	KIK Custom Products 2030 Old Candler Road Gainesville, GA 30507 USA Tel: +1 (770) 534-0300 Fax: +1 (770) 534-8954 http://www.kikcorp.com

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REACTIVITY

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.7

SDS Revision Date: 10/21/2014

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number			
EXPOSURE LIMITS IN AIR:				
ACG I H	American Conference on Governmental Industrial Hygienists			
С	Ceiling Limit			
ES	Exposure Standard (Australia)			
IDLH	Immediately Dangerous to Life and Health			
OSHA	U.S. Occupational Safety and Health Administration			
PEL	Permissible Exposure Limit			
STEL	Short-Term Exposure Limit			
TLV	Threshold Limit Value			
TWA	Time Weighted Average			

FIRST AID MEASURES:

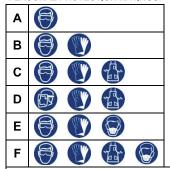
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the hody

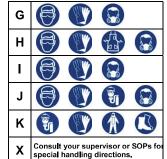
HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard			
1	Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:



























OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

NATIONAL TIME TROTESTION ASSOCIATION. NIT A					
FLAMMABILITY LIMITS IN AIR:					
Autoignition	Minimum temperature required to initiate combustion in air with no other				
Temperature	source of ignition				
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will				
	explode or ignite in the presence of an ignition source				
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will				
	explode or ignite in the presence of an ignition source				

HAZARD RATINGS:

0	Minimal Haz	zard	
1	Slight Hazar	rd	FLAMMABILIT
2	Moderate H	azard	\
3	Severe Haz	ard	
4	Extreme Ha	zard	
ACD	Acidic		
ALK	Alkaline		1
COR	Corrosive		
₩	Use No Wat	ter	
ОХ	Oxidizer		
TREFOIL	Radioactive		
TOXICOLO	GICAL INFO	ORMATION:	HEALTH `
	LD ₅₀	Lethal Dose (solids & liquids) w
		s	
	1.0	Lathal concentration (gases)	which kills EOO/

TOXICOLOGICAL INFO	ORMATION:	SPECIAL		
LD ₅₀	Lethal Dose (solids & liquids) w	PRECAUTIONS		
	S	TREGRETIONS		
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal			
ppm	Concentration expressed in parts of material per million parts			
TD _{Io}	Lowest dose to cause a symptom			
TCLo	Lowest concentration to cause a symptom			
TD _{lo} , LD _{lo} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects			
TC, TC _o , LC _{lo} , & LC _o	, , , , , , , , , , , , , , , , , , ,			
IARC	International Agency for Research on Cancer			
NTP	National Toxicology Program			
RTECS	Registry of Toxic Effects of Chemical Substances			
BCF	Bioconcentration Factor			
TL _m	Median threshold limit			
log K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution			

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

WORKE EAST INTERIOR MATERIALS INTERIOR (WILLIAM) OF STATEM.								
0	(4)	(2)		\odot	(18)			
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F	
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive	

EC (67/548/EEC) INFORMATION:

			*		Q	X	X
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

						\limits		¥2>
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Hea l th Hazard	Environment