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

SDS Revision: 1.8

SDS Revision Date: 1/1/2018

1. PRODUCT & COMPANY IDENTIFICATION				
1.1 Product Name:	JOHN PAUL MITCHELL SYSTEMS - SPRAY WAX			
1.2 Chemical Name:	Aerosol			
1.3 Synonyms:	John Paul Mitchell Systems - Spray Wax - B9048E			
1.4 Trade Names:	John Paul Mitchell Systems - Spray Wax			
1.5 Product Uses & Restrict	ons: Professional and Cosmetic Use			
1.6 Distributor's Name:	KIK Custom Products.			
1.7 Distributor's Address:	2030 Old Candler Road, Gainesville, GA 30507USA			
1.8 Emergency Phone:	CHEMTEL: +1 (813) 248-0585 / +1 (800) 255-3924 (CN - MIS0002907)			
1.9 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).

DANGER! EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES EYE IRRITATION.

Classification: Level 3; Category 1 Extremely Flammable Aerosol

<u>Hazard Statements</u> (H): H222 – Extremely 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. P261 – Avoid breathing vapor/spray. P264 – Wash thoroughly with soap and water after handling. P271 – Use only in a well-ventilated area. P280 – Wear eye protection. P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 – 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. 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 ppm ppm ppm ES-CHEMICAL NAME(S) RTECS No. EINECS No. TI V STFI PFI STFI IDI H OTHER CAS No. TWA STEL PEAK 75-28-5 TZ4300000 200-857-2 30-60 600 750 NF NF NA NA NA NA ISOBUTANE Flam. Gas 1; H220 13475-82-6 NA 236-757-0 15-40 NA NA NF NF NF NA NA NA ISODODECANE Eye Irrit. 2; AL3150000 200-662-2 7-13 500 750 500 1185 NF NA 2500 590 67-64-1 ACETONE Flam. Liq. 2; Eye Irrit. 2; STOT SE 3; H225, H319, H336

4. FIRST AID MEASURES If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk 4.1 First Aid: Ingestion: 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 Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm Eyes: water for at least 15 minutes. If irritation occurs, contact a physician. Skin: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately. Remove victim to fresh air at once. Inhalation:



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		4. FIRST AID MEASURES – cont'd
4.2	Effects of Exposure:	Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous systems
		depression.
		Eyes: Moderately irritating to the eyes. Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis)
		Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) some sensitive individuals upon prolonged or repeated exposure.
		Inhalation: Vapors of this product may be moderately irritating to the nose, throat and other tissues of the respirate
		system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficu
		breathing. Inhalation of concentrated vapors can cause central nervous system depression (e.
		drowsiness, dizziness, headaches, nausea).
4.3	Symptoms of Overexposure:	Ingestion: May cause nausea, vomiting and/or diarrhea and central nervous system depression.
		Eyes: Overexposure in eyes may cause redness, itching and watering (risk of serious damage to eye
		Contact may cause mild eye irritation including stinging, watering and redness. Skin: Prolonged contact with skin may result in bleaching and irritation of skin. The product can cause aller
		Skin: Prolonged contact with skin may result in bleaching and irritation of skin. The product can cause aller skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Symptoms of s
		overexposure may include redness, itching, and irritation of affected areas.
		Inhalation: Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing.
4.4	Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cau
		drowsiness, dizziness, headaches and nausea.
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion. These ingredients may
		irritating to skin and mucous membrane of the eye and respiratory system. Overexposure may trigger asthma-
		symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possi
4.6	Target Organs:	allergic dermatitis.
1.7	Medical Conditions	Eyes, skin, respiratory system. Acute health hazards may be delayed. Most common symptoms HEALTH 2
	Aggravated by Exposure:	
		Existing dermatological conditions (such as eczema) and respiratory
		conditions (such as bronchial asthma and/or bronchitis) may be PHYSICAL HAZARDS
		exacerbated PROTECTIVE EQUIPMENT B
		EYES SKIN
		E EIDEELOUTING MEAGUIDEG
	T	5. FIREFIGHTING MEASURES
5.1	Fire & Explosion Hazards:	Level 3 Aerosol (NFPA 30B). Aerosols may burst at temperatures above 120 °F. Cool uninvolved
		containers to prevent possible bursting. Aerosols may be projectile hazards when bursting. If aerosols are bursting, stay clear until bursting is complete.
5.2	Extinguishing Methods:	Water Fog, Foam, Dry Chemical, CO ₂
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-
	- mangrang v receases	demand) and full protective gear. Keep containers cool until well after the fire is out. Use water
		spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying
		water directly into storage containers because of danger of boil-over. Prevent runoff from fire
		control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.
		Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained
		breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.
		and oxygen denoteroises.
		6. ACCIDENTAL RELEASE MEASURES
	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protecti
6.1		
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3.1	Exposure Limits:		AC	GIH		NOHSC			OSHA		OTHER
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		ISOBUTANE	600	750	NF	NF	NA	NA	NA	NA	
		ACETONE	500	750	500	1185	NF	NA	2500	590	
		ISODODECANE	NA	NA	NF	NF	NF	NA	NA	NA	
8.2	Ventilation & Engineering Controls:	General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or ge exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling o product.									
8.3	Respiratory Protection:	instances where dusts of this protection authorized by 29 (lo special respiratory protection is required under typical circumstances of use or handling. In astances where dusts of this product are generated, and respiratory protection is needed, use only rotection 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 australia.								
8.4	Eye Protection:	Avoid eye contact. None req when handling or using large					se. Safety	/ glasse	s could	be used	
8.5	Hand Protection:	None required under norma sensitive individuals. When ha impervious plastic gloves.									
8.6	Body Protection:	No apron required when hand eye wash stations and delug involving large quantities of th	e shov	vers sho	ould be av	ailable. l	Jpon comp	letion o	of work	activities	
											•
		9. PHYSICA	& J	CHE	MICAL	. PROF	PERTIE	S			
9.1	Appearance:	Aerosol, clear liquid									
9.2	Odor:	Floral odor									
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	NA									
9.7	Flashpoint:	-30 °F (-34 °C)TCC for prope	ellant o	nlv: 36 °	F (2.22 °C) FPA met	hod 1010 (Concen	trate onl	v	
9.8	Upper/Lower Flammability Limits:	UEL 9.5% V; LEL 1.8% V	marit of	у. оо	. (2.22 0	<i>,</i>		30110011	trato orn	,	
9.9	Vapor Pressure:	@ 20 °C (68 °F) - Can pressu	re not t	o excee	d 180 psic	. @ 55 °C	(131 °F) 12	2.4 bar			
9.10	Vapor Density:	>1			, o o p o		(,				
9.11	Relative Density:	0.81-0.85									
9.12	Solubility:	Insoluble									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	NA									
9.17	Other Information:	Evaporation rate >1: Percent	Volatile)							
		· ·									
		10. S	TAB	ILITY	& REA	ACTIVI	TY				
10.1	Stability:	Stable at normal temperatures									
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO ₂) a	ınd sulf	ur (SO ₂).						
10.3	Hazardous Polymerization:	Will not occur.									
10.4	Conditions to Avoid:	Excessive heat, direct sunligh	t, flame	es, heat	sources a	nd incomp	atible subs	tances.			
10.5	Incompatible Substances:	Mixture with strong acids, alka	olic or c	vidizore	,						<u> </u>



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11.1	Routes of Entry:	11. TOXICOLOGICAL INFORMATION Inhalation: YES			
1.2	Toxicity Data:	This product was not tested on animals.			
		This product was not tested on animals.			
1.3	Acute Toxicity:	See Section 4.4			
1.4	Chronic Toxicity:	See Section 4.5			
1.5	Suspected Carcinogen:	NA			
1.6	Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.			
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.			
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.			
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans. This product is not reported to cause reproductive effects in humans.			
1.7	Reproductive Toxicity: Irritancy of Product:	See Section 4.3			
1.8	Biological Exposure Indices:	NE			
1.9	Physician Recommendations:	Treat symptomatically.			
	T Try or or an in the control of the	Treat dymptomationity.			
		12. ECOLOGICAL INFORMATION			
2.1	Environmental Stability:	There is no specific data available for this product.			
2.2	Effects on Plants & Animals:	There is no specific data available for this product.			
2.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There is no specific data available for this product.			
		40 DIODOGAL CONCIDEDATIONS			
		13. DISPOSAL CONSIDERATIONS			
3.1	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, s and federal laws and regulations. Contact the appropriate agency for specific information. A licensed facility or v hauler must provide treatment, transport, storage and disposal of hazardous waste.			
3.2	Special Considerations:	U.S. EPA Hazardous Waste – Characteristic – Ignitable (D001)			
Гhе	basic description (ID Nun	14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addit			
des	basic description (ID Nun criptive information may be 49 CFR (GND):	mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addit e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or			
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des: 14.1 4.2	criptive information may be 49 CFR (GND): IATA (AIR):	mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addit e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or			
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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.8

SDS Revision Date: 1/1/2018

		15. REGULATORY INFO	RMATION – cont'd
Isobutane is found on the following state criteria lists: Massachusetts Hazardous Substances List (MA), Right-to-Know List (PA), and New Jersey Right-to-Know List (NJ). Acetone is found on the following state criteria list: FL, MA, MN, PA, WA and WI. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the foriteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxis List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesco Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Right-to-Know List (PA), Wisconsin Hazardous Substances List (NY), Right-to-Know List (NY), Wisconsin Hazardous Substances List (NY), Wisc			
15.8	Other Requirements:	Keep out of reach of children. Keep container in ignition – No smoking. Isodecane: Flammable (F). Risk Phrases (R): 10 not breathe fumes/spray. Avoid contact with skin Acetone: Highly Flammable (F+); Irritant (Xi). Irritating to eyes. Repeated exposure may cau drowsiness or dizziness. Safety Phrases (S): (2-container in a well-ventilated place. Keep away contact with eyes, rinse immediately with plenty seek medical advice immediately (show the label Propane: Flammable (F+). Risk Phrases (R): 1	2 – Highly flammable. Safety Phrases (S): 2-9-16 – a well-ventilated place. Keep away from sources of 0 - Flammable. Safety Phrases (S): 23-24/25 – Do and eyes. Sisk Phrases (R): 11-36-66-67 – Highly flammable. Use skin dryness or cracking. Vapors may cause be solved by 9-16-26-46 – Keep out of reach of children. Keep from sources of ignition – No smoking. In case of of water and seek medical advice. If swallowed,
		16. OTHER INFO	ORMATION
16.1	Other Information:	DANGER! EXTREMELY FLAMMABLE AER CAUSES EYE IRRITATION. Keep away from h Smoking. Do not spray on an open flame or breathing vapor/spray. Wash thoroughly with so eye protection. Protect from sunlight. Do not expense.	OSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. leat, hot surfaces, sparks, open flames and other ignition sources. No other ignition source. Do not pierce or burn, even after use. Avoid ap and water after handling. Use only in a well-ventilated area. Wear expose to temperature exceeding 50 °C (122 °F). IF INHALED: Remover eathing. IF IN EYES: Rinse cautiously with water for several minutes. to do. Continue rinsing. If eye Irritation persists: Get medical
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for a Products' knowledge, the information contained suitability or completeness are not guaranteed at The information contained herein relates only	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other pplicability to this product. To the best of ShipMate's & KIK Custom I herein is reliable and accurate as of this date; however, accuracy, and no warranties of any type, either expressed or implied, are provided to the specific product(s). If this product(s) is combined with other idered. Data may be changed from time to time. Be sure to consult the
16.4	Prepared for:	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	KIK CUSTOM PRODUCTS
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate Dangerous Goods Training & Consulting



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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:			
ACGIH	ACGIH American Conference on Governmental Industrial Hygienists		
С	Ceiling Limit		
ES	ES Exposure Standard (Australia)		
IDLH	IDLH Immediately Dangerous to Life and Health		
OSHA	OSHA U.S. Occupational Safety and Health Administration		
PEL	L Permissible Exposure Limit		
STEL	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 body.

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:

Α				
В	(Ell)			
С	(ELL)			
D	(EV)	The state of the s		
E	(Eller)			
F	(EL)	The state of the s		























Full Face Respirator

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

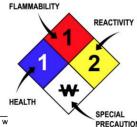
ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA Not Available	
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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 Hazard	
1	Slight Hazard	
2 Moderate Hazard		
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	
₩	Use No Water	
ОХ	Oxidizer	
TREFOIL	Radioactive	
TOXICOLOGICAL INFORMATION:		



		SPECIAL				
LD ₅₀	Lethal Dose (solids & liquids) w	PRECAUTIONS				
	S					
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 Cand	er				
NTP	National Toxicology Program					
RTECS	Registry of Toxic Effects of Chemical Subs	tances				
BCF	Bioconcentration Factor					
TLm	Median threshold limit					
log Kow or log Koc	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:

0	(3)	(A)		\odot	®		R
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:

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

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

						\cdot		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment