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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 11/29/2018 SDS Revision: 1.1 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **MOROCCAN OIL VOLUMIZING MOUSSE (VOC 6%)** 1.2 Chemical Name: 1.3 Synonyms SW-2028 Trade Names 1.4 Moroccan Oil Volumizing Mousse (VOC 6%) 1.5 Product Uses & Restrictions: Aerosol Mousse 16 Distributor's Name Shield Packaging of CA, Inc. 1.7 Distributor's Address: 5165 "G" Street, Chino CA 91710 USA 1.8 Emergency Phone: CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 20108) 19 Business Phone / Fax: +1 (909) 628-4707 / +1 (909) 591-8916 2. HAZARDS IDENTIFICATION Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. Classification: Aerosol 3; Eye Irrit. 2A; Skin Sens. 1B Hazard Statements (H): H229 - Pressurized container: May burst if heated. H319 - Causes Label Elements: 2.2 serious eye irritation. H317 - May cause an allergic skin reaction. Precautionary Statements (P): P261 - Avoid breathing vapors/mist/spray. P261 - Avoid breathing fume/gas/mist/vapors/spray. P264 - Wash hands and exposed skin areas with soap and warm thoroughly after handling. 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. 2.3 Other Warnings: KEEP OUT OF REACH OF CHILDREN. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA ppm ppm ppm ES-STFI TI V STEL PEL IDI H OTHER CHEMICAL NAME(S) CAS No **RTECS No EINECS No** TWA STEL PEAK 60-100 NA NA NA NA NA NF NF NF NA NA NA PROPRIETARY INGREDIENTS 74-98-6 1-5 TX2275000 200-827-9 1000 NA 1000 NF NF 1000 NA 2100 PROPANE Flam. Gas 1: Press. Gas: H220 106-97-8 EJ4200000 203-448-7 1-3 1000 900 800 1900 NF NA NA 1900 BUTANE Press. Gas; Flam. Gas 1; H220 75-28-5 TZ4300000 200-857-2 1-3 600 750 NF NF NF NA NA NA **ISOBUTANE** Press. Gas, Flam. Gas 1; H229, H220 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. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water Eyes: for at least 15 minutes. If irritation occurs, contact a physician. If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough Skin: washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately. Inhalation: Remove victim to fresh air at once. Effects of Exposure: 4.2 Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea. Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and Eyes: Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Inhalation: None expected. 4.3 Symptoms of Overexposure: Overexposure in eyes may cause redness, itching and watering. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 11/29/2018 SDS Revision: 1.1 4. FIRST AID MEASURES – cont'd 44 Acute Health Effects: Moderate irritation to eyes 4.5 Chronic Health Effects: No harmful or chronic health effects are expected to occur from a single accidental ingestion. 4 6 Target Organs: Eyes, Skin 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH Aggravated by Exposure: target organs (eyes, skin, and respiratory system). **FLAMMABILITY** 0 PHYSICAL HAZARDS 0 PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES PRESSURIZED CONTAINER MAY BURST IF HEATED. Level 1 Aerosol (NFPA 30B). Aerosols Fire & Explosion Hazards: 5.1 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. Containers may rupture and release combustible liquids or/or exposed gases if exposed to the heat of fire. Keep containers cool by spraying them with water until the fire has been extinguished. Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO<sub>2</sub>) and nitrogen (e.g., NO<sub>x</sub>) and smoke. Extinguishing Methods 5.2 Water, Foam, CO2, Dry Chemical, Halon (if permitted) Firefighting Procedures: 5.3 As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressuredemand) 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. 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. ACCIDENTAL RELEASE MEASURES 6.1 Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION Work & Hygiene Practices: Do not eat, drink, or smoke while handling this product. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. 7.3 Special Precautions: Spilled material may present a slipping hazard if left unattended. Clean all spills promptly. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION NOHSC ACGIH OSHA OTHER 8.1 Exposure Limits: ppm (mg/m<sup>3</sup>) CHEMICAL NAME(S) STEL ES-TWA **ES-STEL ES-PEAK** STEL **IDLH** PROPANE 1000 NA 1000 NF NF 1000 NA 2100 **ISOBUTANE** 600 750 NF NA NA NA Ventilation & Engineering 8.2 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 product. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 11/29/2018 8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd Respiratory Protection: 8.3 No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia. 8.4 Eye Protection: Avoid eye contact. Protective eyewear recommended. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard - soft lenses may absorb and concentrate irritants. Hand Protection: 8.5 None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states. 8.6 Body Protection: No special body protection is required under typical circumstances of use and handling. necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA 9. PHYSICAL & CHEMICAL PROPERTIES Appearance: Aerosol, clear liquid 9.2 Odor: Fragrant odor 9.3 Odor Threshold: NA 9.4  $5.5 \pm 0.5$ 9.5 Melting Point/Freezing Point: NA 9.6 Initial Boiling Point/Boiling NA 9.7 Flashpoint: 65 °C (149 °F) 9.8 Upper/Lower Flammability NA Limits: 99 Vapor Pressure: 70 ± 5 psig @ 70 °F 9.10 Vapor Density: NA 9.11 Relative Density:  $8.38 \pm 0.10 \, lbs/gl$ 9.12 Solubility in Water: Soluble Partition Coefficient (log Pow): NA Autoignition Temperature: 9.14 NA 9.15 Decomposition Temperature: NA Viscosity NA Other Information: 9.17 VOC: 6%; Solids: 5.0 ± 0.50 10. STABILITY & REACTIVITY This product is stable. 10.1 Stability: 10.2 Hazardous Decomposition Oxides of carbon (CO, CO<sub>2</sub>) and sulfur (SO<sub>2</sub>). Products 10.3 Hazardous Polymerization: Will not occur. 10.4 Conditions to Avoid: Open flames, sparks and high heat. Incompatible Substances: 10.5 None known. 11. TOXICOLOGICAL INFORMATION Ingestion: YES 11.1 Routes of Entry: 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 Chronic Toxicity 11.4 See Section 4.5 Suspected Carcinogen: 11.5 This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov Reproductive Toxicity: 11.6 This product is not reported to produce 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. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 11.7 Irritancy of Product: See Section 4.3. 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 11/29/2018 SDS Revision: 1.1 12. ECOLOGICAL INFORMATION 12 1 Environmental Stability: There are no specific data available for this product. Effects on Plants & Animals: 122 There are no specific data available for this product. Effects on Aquatic Life: 123 There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS 13 1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D003 (characteristic - reactive). 13.2 Special Considerations: 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. 49 CFR (GND): CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1000 mL) - until 12/31/2020 UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1000 mL) IATA (AIR): ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 820 mL) Æħ, UN1950, AEROSOLS, NON-FLAMMABLE, 2.2 (LTD QTY, IP VOL ≤ 500 mL) 14.3 IMDG (OCN): UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1000 mL) TDGR (Canadian GND): UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1000 mL) or MARK PACKAGE "LIMITED QUANTITY," "LTD QTY," or "QUANT LTÉE" or "QUANTITÉ LIMITÉE' 14.5 ADR/RID (EU): UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1000 mL) 14.6 SCT (MEXICO): UN1950, AEROSOLS, 2.2 (CANTIDAD LIMITADA, IP VOL ≤ 1000 mL) ADGR (AUS): UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1000 mL) 15. REGULATORY INFORMATION 15.1 SARA Reporting This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements. Requirements SARA Threshold Planning 15.2 There are no specific Threshold Planning Quantities for the components of this product. Quantity: TSCA Inventory Status: 15.3 The components of this product are listed on the TSCA Inventory. CERCLA Reportable Quantity 15.4 15.5 Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA. 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 B5, D2B (Aerosol, Other Toxic Effects) 15.7 State Regulatory Information: Propane is found on the following state criteria list: MA, MN, PA, and WA. Isobutane is found on the following state criteria list: MA, NJ and PA. 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 (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). 15.8 Other Requirements: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 11/29/2018 SDS Revision: 1.1 16. OTHER INFORMATION WARNING! PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY Other Information: CAUSE AN ALLERGIC SKIN REACTION. Use only as directed. Avoid breathing fume/gas/mist/vapors/spray. Wash hands and exposed skin areas with soap and warm thoroughly after handling. 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 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 ShipMate's & Shield Packaging of CA's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and NO WARRANTIES OF ANY TYPE, EXPRESSED OR IMPLIED, ARE PROVIDED INCLUDING THE WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. 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 for: Shield Packaging of CA, Inc. 5165 "G" Street Chino CA 91710 USA Tel: +1 (909) 628-4707 Fax: +1 (909) 591-8916 http://www.shieldpackaging.com 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



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SDS Revision: 1.1

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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
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

### **EXPOSURE LIMITS IN AIR:**

ACGIH	American Conference on Governmental Industrial Hygienists			
IDLH	Immediately Dangerous to Life and Health			
NOHSC	NOHSC National Occupational Health and Safety Commission (Australia)			
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 body.

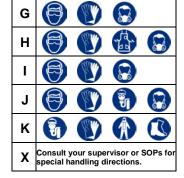
# HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



### PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE SECOND SECON	
D		THE THE	
Ε			
F		THE STATE OF THE S	





### OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	FLAMMABILITY LIMITS IN AIR:				
Autoignition					
Temperature	ure source of ignition				
LEL Lower Explosive Limit - lowest percent of vapor in air, by volume, that wi					
	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				
	explode of ignite in the presence of all ignition source				

### **HAZARD RATINGS:**

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ <b>\ \ \</b> \
₩	Use No Water	HEALTH 🔪
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC 50	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>io</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>io</sub> , LD <sub>io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TCo, LCio, & LCo	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
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		
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)		

# WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	<b>(</b>		(X)	$\Theta$	<b>(</b>		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

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

<				$\Diamond$			<b>\_</b>		*
(	GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
E	xplosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment