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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 10/8/2018 SDS Revision: 1.0 1. PRODUCT & COMPANY IDENTIFICATION Product Name: **KENRA NITRO MEMORY CRÈME 18** Chemical Name: Aerosol Styling/Conditioning Foam 1.2 Kenra Nitro Memory Crème 18 - B-10065B 1.3 Synonyms: Kenra Nitro Memory Crème 18 1.4 Trade Names: 1.5 Product Uses & Restrictions: Professional and Cosmetic Use 1.6 Distributor's Name: KIK Custom Products. 17 Distributor's Address: 2030 Old Candler Road, Gainesville, GA 30507 USA 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 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). PRESSURIZED CONTAINER MAY BURST IF HEATED. IRRITATION. Classification: Aerosol 3; Eye Irrit. 2 Label Elements: 2.2 Hazard Statements (H): H229 - Pressurized container: May burst if heated. H320 - Causes eye Precautionary Statements (P): P261 - Avoid breathing vapor. P264 - Wash 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. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). 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 FS. ES-FS-TLV STEL PEL STEL IDLH OTHER CHEMICAL NAME(S) RTECS No. **EINECS No.** CAS No. TWA STEL PEAK 7732-18-5 NA 231-791-2 70-90 NA NA NF NF NF NA NA NA WATER (AQUA/EAU) QW9700000 7727-37-9 231-783-9 NA NA NA NF NF NF NA NA NA NITROGEN Press. Gas; H280 4. FIRST AID MEASURES If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk 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 Eyes: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water 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. 4.2 Effects of Exposure: If product is swallowed, may cause nausea, vomiting and/or diarrhea. Ingestion: 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 Acute Health Effects: 4.4 Moderate irritation to eyes.



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# SAFETY DATA SHEET

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4. FIRST AID MEASURES - cont'd Chronic Health Effects: No harmful or chronic health effects are expected to occur from a single accidental ingestion. 4.5 4 6 Target Organs: 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: 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 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: Water, Foam, CO<sub>2</sub>, Dry Chemical, Halon (if authorized) 5.2 Firefighting Procedures: 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. 6. 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). 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 large spills (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). 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 7.1 Work & Hygiene Practices: Do not eat, drink or smoke when handling this product. Wash unintentional residues with soap and warm water 72 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Keep away from excessive heat and open flames. 7.3 Special Precautions: Clean all spills promptly. Spilled material may present a slipping hazard. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Exposure Limits: **ACGIH** NOHSC OSHA OTHER ppm (mg/m<sup>3</sup>) CHEMICAL NAME(S) ES-PEAK TLV STEL ES-TWA ES-STEL PEL STEL Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general Controls: 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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SDS Revision Date: 10/8/2018 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 8. EXPOSURE CONTROLS & PERSONAL PROTECTION - cont'd 8.3 Respiratory Protection: 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 9.1 Appearance: Aerosol. White foam. 9.2 Odor Fresh floral Odor Threshold: 9.3 NA 9.4 :Hq 7.0 9.5 Melting Point/Freezing Point: NA 9.6 Initial Boiling Point/Boiling NA 9.7 Flashpoint: NA 9.8 Upper/Lower Flammability NA Limits: Vapor Pressure: 9.9 Aerosol can pressure < 180 psig @ 55 °C (131 °F) 9.10 Vapor Density: NA 9.11 Relative Density: > 1.0 9.12 Solubility in Water Soluble Partition Coefficient (log Pow): 9.13 NA 9.14 Autoignition Temperature: NA 9.15 Decomposition Temperature NA Viscosity 9.16 Aerosol at ambient temperature 9.17 Other Information: VOC: 0%; Evaporation Rate: > 1.0 10. STABILITY & REACTIVITY 10.1 Stability: This product is stable. Hazardous Decomposition 10.2 Oxides of carbon (CO, CO<sub>2</sub>) and sulfur (SO<sub>2</sub>). Products 10.3 Hazardous Polymerization: 10 4 Conditions to Avoid: Excessive heat, direct sunlight, flames, heat sources and incompatible substances. 10.5 Incompatible Substances: Strong acids, alkalis or oxidizers. 11. TOXICOLOGICAL INFORMATION Ingestion: YES 11.1 Routes of Entry: Inhalation: YES Absorption: YES Toxicity Data: 11.2 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 11.4 Chronic Toxicity See section 4.5 Suspected Carcinogen 11.5 NA Reproductive Toxicity 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. Irritancy of Product: 11.7 See Section 4.3. 11.8 Biological Exposure Indices: NE Physician Recommendations: 11.9 Treat symptomatically.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 10/8/2018 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: There are no specific data available for this product. There are no specific data available for this product. Effects on Plants & Animals: 122 Effects on Aquatic Life: There are no specific data available for this product. 12.3 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations Waste Disposal: 13.1 13.2 Special Considerations: 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. 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 ≤ 1.0 L) - until 12/31/20 UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL ≤ 1.0 L) IATA (AIR): 14.2 ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 500 mL)  $\sqrt{X}$ UN1950, AEROSOLS, NON-FLAMMABLE, 2.2 (LTD QTY, IP VOL ≤ 820 mL) IMDG (OCN): UN1950, AEROSOLS, 2.2 (LTD QTY, IP VOL  $\leq$  1.0 L) 14.4 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 ≤ 1.0 L) SCT (MEXICO): 14.6 UN1950, AEROSOLES, 2.2 (CANT. LTDA., IP VOL ≤ 1.0 L) 14.7 ADGR (AUS): UN1950, AEROSOLS, 2.2 (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 CERCLA Reportable Quantity 15.4 (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). 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 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS 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 A, D2B (Compressed Gas, Other Toxic Effects) State Regulatory Information: None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following 15.7 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). Other Requirements: 15.8 This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov



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	16. OTHER INFORMATION				
16.1 Other Information: WARNING! PRESSUIRZED CONTAINER MAY BURST IF HEATED. CAUSES EYE IRRITATION.			RST IF HEATED. CAUSES EYE IRRITATION.		
		Use only as directed. Discontinue use if irritation develops. Keep away from heat, hot surfaces, sparks, open flan			
			Do not pierce or burn, even after use. Avoid breathing		
			ed skin areas with soap and warm thoroughly after handling. IF IN tes. Remove contact lenses, if present and easy to do. Continue		
			lattention. Protect from sunlight. Do not expose to temperatures		
		exceeding 50 °C (122 °F).	value in the control of the competition of the comp		
		KEEP OUT OF REACH OF CHILDREN.			
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.			
16.3	Disclaimer:		A's Hazard Communication Standard, 29 CFR §1910.1200. Other		
			cability to this product. To the best of ShipMate's & KIK Custom		
			rein is reliable and accurate as of this date; however, accuracy, no warranties of any type, either expressed or implied, are provided.		
			he 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:	KIK Custom Products			
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16.5	Prepared by:	ShipMate, Inc.			
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		Tel: +1 (310) 370-3600	Dangerous Goods		
		Fax: +1 (310) 370-5700 Training & Consulting			
		http://www.shipmate.com			



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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.	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	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	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	



## PERSONAL PROTECTION RATINGS:

Α				
В				
С		<b>ELL</b>	THE STATE OF THE S	
D	<b>E</b>		THE SECOND SECON	
Е				
F		(ELV)	HA.	

G				
Н		The state of the s		
ı		<b>ELL</b>		
J			<b>9</b>	
K			<b>M</b>	
X	Consult y	our supe andling d	rvisor or irections.	SOPs for



#### 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	Sens Sensitization	
STOT RE	Specific Target Organ Toxicity – Repeat Exposure	

# NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

STOT SE | Specific Target Organ Toxicity – Single Exposure

FLAMMABILITY LIMITS IN AIR:			
Autoignition			
Temperature	Temperature of ignition		
LEL	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	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 <sub>50</sub>	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, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL <sub>m</sub>	Median threshold limit
log K <sub>ow</sub> or log K <sub>oc</sub>	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	NDSL Canadian Non-Domestic Substance List	
PSL	Canadian Priority Substances List	
TSCA	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>	(2)	<b>(</b>	$\Theta$	<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:

			$\Diamond$	KI WAS TO SERVICE THE SERVICE				*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment