



G.K. Chemical Specialties Co. Inc.
90 Barbados Blvd.
Scarborough, Ontario M1J 1K9
Tel: (416) 261-7182 Fax: (416) 261-5663

SAFETY DATA SHEET (SDS)

PRODUCT NAME: RINSE-AID Liquid Rinse	
HEALTH HAZARD RATING:	(0)- MINIMAL HAZARD NFPA Rating
FLAMMABILITY HAZARD RATING:	(0)- MINIMAL HAZARD
REACTIVITY HAZARD RATING:	(0)- MINIMAL HAZARD
PERSONAL PROTECTION:	NIL
HAZARD ALERT SIGN:	NONE REQUIRED Not a hazardous product according to Globally Harmonized System (GHS)

SECTION 1 – IDENTIFICATION	
PRODUCT IDENTIFIER	
PRODUCT NAME	RINSE-AID- Liquid Rinse
MANUFACTURER'S NAME AND ADDRESS EMERGENCY PHONE NO.	G.K. Chemical Specialties Co. Inc. 90 Barbados Blvd. Scarborough, Ontario M1J 1K9 (416) 261-7182 / 905 427-7605/ 416-526-4037
SUPPLIER'S NAME AND ADDRESS EMERGENCY PHONE NO.	
CHEMICAL NAME	N/A
CHEMICAL FAMILY	N/A
TRADE NAME AND SYNONYMS	N/A
MATERIAL USE	CLEANING

G.K. Chemical Specialties Co. Inc. has compiled the information and recommendations contained in this Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation.

G.K. Chemical Specialties Co. Inc. extends no warranty and assumes no responsibility as to the accuracy of the content or sufficiency of the information and expressly disclaims all liability for reliance thereon. This SDS provides guidelines for the safe handling of this product. It does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required. Individuals exposed to this product should read and understand this information and be provided pertinent training prior to working with this product.

G.K. Chemical Specialties Co. Inc. assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

INGREDIENTS. This SDS, under section of Ingredients, contains all ingredients listed under INGREDIENT DISCLOSURE LIST P.C. 1987-2719, 20/1/88 CANADA GAZETTE PART II VOL. 122, No 2 of HAZARDOUS PRODUCT ACT.

Percentage range of concentration of ingredients is expressed as percentage by weight of the total weight of the product. Ingredient List does not necessarily list all ingredients in the formulation and does not necessarily list all ingredient range of concentration, other than ingredients under the Disclosure List.

T.L.V. (units) or Threshold Limit Values refer to the limiting concentrations recommended by the Ministry of Labour. These values were adopted by the American Conference of Governmental Industrial Hygienists (A.C.G.I.H.). The figures refer to time-weighted average concentrations as P.P.M. (V/V) or mg/m³ for a normal working day or at any time for some materials.

"C.A.S REG. No." means the identification number assigned to a chemical substance by the Chemical Abstracts Service Division of the American Chemical Society.

"LC 50" means the concentration of a substance in air that when administered by means of inhalation over a specified length of time in an animal assay, is expected to cause the death of 50 per cent of a defined animal population.

"LD 50" means the single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause death of 50 per cent of a defined animal population.

FLASH POINT. The minimum temperature at which a substance gives off flammable vapors which in contact with spark or flame will ignite.

NIOSH- National institute for occupational safety and health

STEL- Short term exposure limit

TWA- Time-weighted average

PEL- Permissible exposure limit

ACGIH- American conference of governmental industrial hygienist

OSHA- Occupational safety and health act

SECTION 2 – HAZARD IDENTIFICATION	
	Not a hazardous product according to Globally Harmonized System (GHS) Slightly irritating to eyes but no specific risk when handled in accordance with safety practice

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS				
HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION%	C.A.S., N.A. OR U.N. NUMBERS	LD50 {SPECIFY SPECIES & ROUTE}	LC 50 {SPECIFY SPECIES & ROUTE}
Ethoxylated Polyoxypropylene	10 – 20	9003-11-6	Oral(Rat): 5500 mg/kg Dermal (Rabbit): >5000mg/kg	
Sodium Xylene Sulfonate	1 – 5	1300-72-7	Oral(Rat): >5000 mg/kg Dermal (Rabbit): >5000mg/kg	
Water, inert	Balance			

SECTION 4 – FIRST AID MEASURES	
SKIN CONTACT	No known significant effects or critical hazards
EYE CONTACT	Immediately hold eyelids open and flush with water for at least 15 minutes. Seek medical attention.
INHALATION	No known significant effects or critical hazards
INGESTION	May be harmful if swallowed. Do not induce vomiting. Drink 1 or 2 glasses of water. Seek immediate medical attention. Never give anything by mouth to an unconscious or convulsing person. If vomiting occur spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.
NOTES TO PHYSICIAN	Treatment based on sound judgment of physician and individual reaction of patient.

SECTION 5 – FIRE-FIGHTING MEASURES	
FLASH POINT (°C)	Not flammable
FLASH POINT METHOD	Not applicable
AUTOIGNITION TEMPERATURE (°C)	Not applicable
UPPER FLAMMABLE LIMIT (% VOL.)	Not applicable
LOWER FLAMMABLE LIMIT (% VOL.)	Not applicable
HAZARDOUS COMBUSTION PRODUCTS	Carbon Dioxide (CO ₂), Carbon monoxide (CO).
UNUSUAL FIRE/ EXPLOSION HAZARDS	None known
SENSITIVITY TO MECHANICAL IMPACT	Not sensitive
SENSITIVITY TO STATIC DISCHARGE	Not sensitive
EXTINGUISHING MEDIA	Water spray, foam, dry powder or Carbon Dioxide. Use media appropriate for surrounding fire
SPECIAL FIRE FIGHTING PROCEDURES	Fire fighters should wear full protective clothing, including self-contained breathing equipment

SECTION 6 – ACCIDENTAL RELEASE MEASURES	
LEAK AND SPILL PROCEDURE	Stop leak. Move containers from spill area. Dilute with water and mop up.
ENVIRONMENTAL PRECAUTIONARY	Prevent entry into sewers or streams.
PERSONAL PRECAUTIONARY MEASURES	Wear protective clothing during cleanup

SECTION 7 – HANDLING AND STORAGE	
HANDLING PROCETURES	Avoid contact with eyes. Avoid ingestion. Use good industrial hygiene practices in handling this product. Keep container closed when not in use.
STORAGE NEEDS	Keep container tightly closed. Store in a cool area.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION	
VENTILATION REQUIREMENTS	General ventilation is recommended.
PROTECTIVE EQUIPMENT	Ensure that eyewash stations are proximal to the work-station location
EYE/TYPE	Safety glasses
RESPIRATORY/TYPE	Non required
GLOVE/TYPE	None required
FOOTWEAR/TYPE	No special footwear is required
BODY/TYPE	No special protective clothing is required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE – PHYSICAL STATE	Clear Blue liquid
ODOUR	No odour
ODOUR THRESHOLD (PPM)	Not available
PH	7.20 ±0.50 in water
MELTING POINT (°C)	Not applicable
BOILING POINT (°C)	100°C
FREEZING POINT (°C)	0°C
EVAPORATION RATE	As water
FLAMMABILITY	Not applicable
FLASH POINT (°C)	Not applicable
AUTO IGNITION TEMPERATURE	Not applicable
DECOMPOSITION TEMPERATURE	Not available
VAPOUR DENSITY	No data available
VAPOUR PRESSURE	<0.01 mmHg @ 25°C (77°F)
SOLUBILITY	Soluble in water
VISCOSITY	Thin liquid
% VOLATILE BY VOLUME	87±1
SPECIFIC GRAVITY	1.01 ± 0.02 gm / cm ³

SECTION 10 – STABILITY AND REACTIVITY	
REACTIVITY	The product is stable

CHEMICAL STABILITY	Stable
POSSIBILITY OF HAZARDOUS REACTIONS	Not applicable
CONDITIONS TO AVOID	No specific data
INCOMPATIBLE MATERIALS	Strong bases, strong oxidizing agents, Strong reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Dioxide (CO ₂), Carbon Dioxide (CO).

SECTION 11 –TOXICOLOGICAL INFORMATION

TOXICITY EFFECTS ON ANIMALS	<p>For Ethoxylated Polyoxypropylene (9003-11-6): Acute Oral Toxicity, LD50 (Rat): >5,000 mg/kg. Acute Dermal Toxicity, LD50 (Rabbit): >5,000 mg/kg.</p> <p>For Sodium Xylene Sulfonate (1300-72-7): Acute Oral Toxicity, LD50 (Rat): >5000 mg/kg. Acute Dermal Toxicity, LD50 (Rabbit): >5000mg/kg</p> <p>For the mix estimated Acute Oral Toxicity is >5,000 mg/kg. Therefore product is classified as non-toxic. Acute Dermal Toxicity for the mix is also estimated to be >5,000 mg/kg. Therefore the product is classified as non-toxic.</p>
TOXIC EFFECTS ON HUMANS	May cause mild irritation of eyes
CHRONIC EFFECTS ON HUMANS	No known significant effects
CARCINOGENICITY	No evidence
TERATOGENICITY	No evidence
MUTAGENICITY	No evidence
REPRODUCTIVE EFFECTS	No evidence

SECTION 12 –ECOLOGICAL INFORMATION

ECOTOXICITY DATA	<p>Figures for Ethoxylated Polyoxypropylene (9003-11-6):No known significant effects or critical hazards. Toxicity to fish: LC50 (96 h) >100 mg/L, <i>Leuciscus idus</i>. Aquatic invertebrates: EC50 (48 h)>100 mg /L. Aquatic plants: EC50 (72h)>100 mg/L.</p> <p>Figures for Sodium Xylene Sulfonate (1300-72-7): Acute Toxicity to fish, LC50, Rainbow trout, static test: >1,000 mg/ L /96 h. Acute Toxicity to aquatic invertebrates, EC50, <i>Daphnia magna</i> (water flea), static test: >1,000 mg /L /48 h. Acute Toxicity to freshwater algae, EC50, static test: 230 mg/ L /96 h. Ingredient relatively harmless to aquatic environment. Product readily BIODEGRADABLE.</p>
BIODEGRADABILITY	Readily biodegradable
PRODUCTS OF DEGRADATION	No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations
INFORMATION ON SAFE HANDLING FOR DISPOSAL INCLUDING ANY CONTAMINATED PACKAGING	Suitable waste facility

SECTION 14 – TRANSPORT INFORMATION	
UN NUMBER	Not applicable
UN PROPER SHIPPING NAME	Not applicable
TRANSPORT HAZARD CLASS	Not regulated
PACKAGING GROUP	Not applicable
ENVIRONMENTAL HAZARDS	Nil
TRANSPORT IN BULK, if applicable	Not applicable
SPECIAL PRECAUTIONS	NIL

SECTION 15 – REGULATORY INFORMATION	
SAFETY HEALTH & ENVIRONMENTAL REGULATIONS SPECIFIC TO THE PRODUCT	<p>U.S. TSCA inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) INVENTORY List or exempt.</p> <p>Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL) or exempt.</p>

SECTION 16 – OTHER INFORMATION	
PREPARED BY:	Gus Kaklamanos - Chemist
TELEPHONE NO.:	416-261-7182
DATE OF THE LATEST REVISION OF SDS:	August 25, 2021

WHMIS CLASSIFICATION: Class D, 2B
