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00006383

## **MATERIAL SAFETY DATA SHEET**

K-G SPRAY-PAK INC 8001 KEELE STREET, P.O BOX 89 CONCORD; L4K 1Y8; ONTARIO CANADA 905-669-9855

## PRODUCT: 1808-15-007/25 02-020 GLASS CLEANER 539G





# Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER ..... K-G SPRAY-PAK INC.

8001 KEELE STREET P.O. BOX 89

**ONTARIO** CANADA **L4K 1Y8** 

CANUTEC EMERGENCY #:1-613-996-6666(24HR) 1808-15-007/25 02-020 GLASS CLEANER 539G DETERGENT.

PRODUCT NAME......CHEMICAL FAMILY.... MOLECULAR WEIGHT.... NOT APPLICABLE. CHEMICAL FORMULA...... NOT APPLICABLE

#### Section 02: COMPOSITION/INFORMATION INGREDIENTS

The state of the s					
Hazardous Ingredients	<u>%</u>	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
ETHYLENE GLYCOL MONOBUTYL ETHER	1-5	25 ppm	111-76-2	530 - 2616 mg/kg ORAL - RAT	450 ppm (4 hr) INHAL - RAT
ETHANOL (Ethyl Alcohol)	1-5	1000 ppm	64-17-5	7060 mg/kg ORAL - RAT	31,623 ppm (4 hr) INHAL - RAT
ISOBUTANE	1-5	1000 ppm	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE	0.1-1.0	1000 ppm	74-98-6	>5000 mg/kg DERMAL-RABBITS	NOT AVAILABLE

### Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:	
INGESTION	ETLIVI ENE CLYCOL MONORUE O SELECTION OF THE CONTROL OF THE CONTRO
#**CEO   [O14	
	HEMOLYSIS AND POSSIBLE LIVER AND KIDNEY DAMAGE. MAY CAUSE HEADACHE,
INHALATION	NAUSEA, VOMITING AND WEAKNESS.
INTIALATION	
EYE CONTACT	ASPHYXIAN I.
LIL CONTACT	
CI/IN ADCORPTION	POSSIBLE CORNEAL INJURY.
SKIN ABSORPTION	ETHYLENE GLYCOL MONOBUTYL ETHER PENETRATES SKIN READILY. FREQUENT
	OR WIDE SPREAD CONTACT MAY RESULT IN THE ARSORPTION OF POTENTIALLY
	OR WIDE SPREAD CONTACT MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS. SIGNS AND SYMPTOMS OF TOXICITY ARE SIMILAR TO
	IBUSE DE SWALLOWING
SKIN CONTACT	MAY CAUSE IRRITATION.
EFFECTS OF ACUTE EXPOSURE	DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES. ETHYLENE GLYCOL MONOBUTYL ETHER MAY CAUSE HEMOLYSIS OF THE RED
EFFECTS OF CHRONIC EXPOSURE	ETHYLENE GLYCOL MONOBUTYL ETHER MAY CAUSE HEMOLYSIS OF THE DED
	BLOOD CELLS LEADING TO POSSIBLE LIVER AND KIDNEY DAMAGE.
	. SOLVENTS MAY CAUSE DEFATTING DERMATITIS
	DELINE STATE

EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

#### Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE ....

IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN OR EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; FOR EYES, GET MEDICAL ATTENTION. IN CASE OF INGESTION, DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY AND HAVE NAMES OF INGREDIENTS AVAILABLE.

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PRODUCT: 1808-15-007/25 02-020 GLASS CLEANER 539G						
Section 05: FIRE FIGHTING MEASURES						
FLAMMABILITYIF YES, UNDER WHICH CONDITIONS?	WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTATO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES, FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL. NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS EXCESSIVE HEAT, SPARKS AND OPEN FLAME. WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.					
LOWER FLAMMABLE LIMIT(% BY VOLUME) EXPLOSION DATA SENSITIVITY TO STATIC DISCHARGE. SENSITIVITY TO IMPACT	NOT APPLICABLE.					
HAZARDOUS COMBUSTION PRODUCTS	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBU	ISTION				
CLASSIFIED AS:						
Section 06:	ACCIDENTAL RELEASE MEASURES					
LEAK/SPILL	REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIA NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.	AL, AND				
Section	07: HANDLING AND STORAGE					
ENGINEERING CONTROLS	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOU BASIS). STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.	S				
	OSURE CONTROLS/PERSONAL PROTECTION					
GLOVES/ TYPE	WEAR CHEMICAL RESISTANT GLOVES. IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED. SAFETY GLASSES. NOT NORMALLY REQUIRED.	!				
Section 09: P	PHYSICAL AND CHEMICAL PROPERTIES					
PHYSICAL STATE	CLEAR LIQUID. FRAGRANT. NOT AVAILABLE. 30 - 40. 78-171. LESS THAN 1. GREATER THAN 1.					
SPECIFIC GRAVITY (LIQUID)	O.96-1.00. NOT AVAILABLE. NOT AVAILABLE. 99-100.					

00006383 **MATERIAL SAFETY DATA SHEET** Page 3 PRODUCT: 1808-15-007/25 02-020 GLASS CLEANER 539G Section 10: STABILITY AND REACTIVITY HAZARDOUS PRODUCTS OF DECOMPOSITION...... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE. CHEMICAL STABILITY: YES..... NO, WHICH CONDITIONS?..... NOT APPLICABLE. COMPATIBILITY WITH OTHER SUBSTANCES: STRONG OXIDIZING AGENTS. HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR. Section 11: TOXICOLOGICAL INFORMATION REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED. IRRITANCY OF MATERIAL.....SENSITIZING CAPABILITY OF MATERIAL. SKIN/EYE IRRITANT. UNKNOWN. THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC, (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL CARCINOGENICITY OF MATERIAL..... INDUSTRÍAL HYGIENISTS) NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE TERATOGENICITY..... **ANTICIPATED** MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED. Section 12: ECOLOGICAL CONSIDERATIONS ENVIRONMENTAL...... NOT AVAILABLE. Section 13: DISPOSAL CONSIDERATIONS OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS. Section 14: TRANSPORTATION INFORMATION T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.2). D.O.T. CLASSIFICATION...... CONSUMER COMMODITY, ORM-D. Section 15: REGULATORY INFORMATION CANADIAN REGULATIONS: CNFC SECTION 3.3.5...... LEVEL 1.
CEPA (Canadian Environmental Protection ... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED. **U.S. REGULATIONS:** ...... 2 MODERATE HAZARD. HMIS RATING HEALTH.. HMIS RATING FLAMMABILITY...... 1 SLIGHT HAZARD. HMIS RATING REACTIVITY..... O MINIMAL HAZARD. HMIS RATING PERSONAL PROTECTION.. B. LEVEL 1. NFPA CODE 30B...... SARA 313 INFORMATION:.... THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: . CAS #: CHEMICAL NAME . \*111-76-2 **ETHYLENE GLYCOL MONOBUTYL ETHER** CALIFORNIA PROPOSITION 65:.... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986: . WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. . CAS #: **CHEMICAL NAME:** . N/A.

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PRODUCT: 1808-15-007/25 02-020 GLASS CLEANER 539G								
Section 15: REGULATORY INFORMATION								
TSCA (Toxic Substances Control Act)	ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTOR IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING. 9-10.							
VOC (w/w%)								
Section 16: OTHER INFORMATION								
PREPARED BY	THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED IS SPRAY PAK INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. K-G SPRAYINC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING ON DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY IS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN ADDRESS NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL ONLY PROCESS.  Regulatory Affairs May 23/13	Y PAK S DATA						