



## SAFETY DATA SHEET

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Dominion Sure Seal Ltd.  
6175 Danville Road, Mississauga  
ONTARIO, CANADA L5T 2H7

**PRODUCT: SKS GLASS CLEANER 500 g / 17.6 oz (12% VOC)**

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER ..... Dominion Sure Seal Ltd.  
6175 Danville Road, Mississauga  
ONTARIO, CANADA L5T 2H7  
PHONE: (905) 670-5411  
CANUTEC EMERGENCY #:1-613-996-6666(24HR)

PRODUCT NAME..... SKS / 240440 GLASS CLEANER 500 g / 17.6 oz aerosol (12%VOC)  
CHEMICAL FAMILY..... AQUEOUS MIXTURE.  
MOLECULAR WEIGHT..... NOT APPLICABLE.  
CHEMICAL FORMULA..... NOT APPLICABLE.  
TRADE NAMES & SYNONYMS  
RECOMMENDED PRODUCT USES..... CLEANER.  
PRODUCT CODE(S) ..... NOT APPLICABLE.  
CAS #..... NOT APPLICABLE..

### SECTION 02: HAZARDS IDENTIFICATION



HAZARD CLASSIFICATION..... Warning.  
SIGNAL WORD..... Warning.  
HAZARD STATEMENTS ..... H229 PRESSURIZED CONTAINER: MAY BURST IF HEATED. H302 HARMFUL IF SWALLOWED. H315 CAUSES SKIN IRRITATION. H320 CAUSES EYE IRRITATION.  
PRECAUTIONARY STATEMENTS..... P101 IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND. P102 KEEP OUT OF REACH OF CHILDREN. P103 READ LABEL BEFORE USE.  
OTHER HAZARDS..... No additional information available.

### SECTION 03: COMPOSITION/INFORMATION INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	1-5
ISOBUTANE	75-28-5	1-5
ISOPROPANOL	67-63-0	1-5
PROPANE	74-98-6	0.5-1.5

### 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.

### SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS).  
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA  
SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.  
SENSITIVITY TO IMPACT..... NOT APPLICABLE.  
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

**PRODUCT: SKS GLASS CLEANER 500 g / 17.6 oz (12% VOC)****SECTION 05: FIRE FIGHTING MEASURES**

HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

AEROSOL FLAME PROJECTION CLASSIFIED AS:..... 0 cm.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

**SECTION 07: HANDLING AND STORAGE**

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.

ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).

HANDLING PROCEDURES AND EQUIPMENT ..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.

SYNERGISTIC MATERIALS..... NONE KNOWN.

**SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
ETHYLENE GLYCOL	25 ppm					
MONOBUTYL ETHER						
ISOBUTANE	1000 ppm					
ISOPROPANOL	400 ppm					
PROPANE	1000 ppm					
GLOVES/ TYPE.....	NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED.					
RESPIRATORY/TYPE.....	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.					
EYE/TYPE.....	SAFETY GLASSES.					
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.					
OTHER/TYPE.....	NOT REQUIRED.					

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... AEROSOL.

APPEARANCE..... CLEAR LIQUID.

ODOR..... FRAGRANT.

ODOR THRESHOLD..... NOT AVAILABLE.

pH..... 10.75-11.0.

FREEZING POINT: (°C)..... NOT AVAILABLE.

BOILING POINT (°C)(CONC)..... LOWEST KNOWN VALUE IS 100C BASED ON WATER.

FLASH POINT (C), TAG CLOSED CUP..... LOWEST KNOWN VALUE IS IPA @ 14°C.

EVAPORATION RATE..... LESS THAN 1.

n-BUTYL ACETATE = 1

UPPER FLAMMABLE LIMIT..... 12.6.

(% BY VOLUME)

LOWER FLAMMABLE LIMIT..... 1.1.

(% BY VOLUME)

VAPOUR PRESSURE(PSIG)-AEROSOL..... 30 - 40.

@ 20 C

VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.

(BY WEIGHT)

SPECIFIC GRAVITY (AEROSOL)..... 0.92-0.96.

SPECIFIC GRAVITY (LIQUID)..... 0.96-1.00.

SOLUBILITY IN WATER g/L (20°C)..... COMPLETE.

COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.

AUTO IGNITION TEMPERATURE (°C)..... 245 TO 399.

AEROSOL PERCENT VOLATILE..... 99-100.

(BY WEIGHT).

**PRODUCT: SKS GLASS CLEANER 500 g / 17.6 oz (12% VOC)****SECTION 10: STABILITY AND REACTIVITY**

HAZARDOUS PRODUCTS OF DECOMPOSITION.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:	
YES.....	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?.....	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?.....	NOT APPLICABLE.
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
ETHYLENE GLYCOL MONOBUTYL ETHER	450 ppm (4 hr) INHAL - RAT	530 - 2616 mg/kg ORAL - RAT
ISOBUTANE	142,500 ppm (4h) INHAL - RAT	NOT APPLICABLE
ISOPROPANOL	12000 ppm (8hr) INHAL - RAT	>4720 mg/kg ORAL - RAT
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
ROUTE OF ENTRY:		
INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIAN.	
INGESTION.....	ETHYLENE GLYCOL MONOBUTYL ETHER MAY CAUSE RED BLOOD CELL HEMOLYSIS AND POSSIBLE LIVER AND KIDNEY DAMAGE. MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	ETHYLENE GLYCOL MONOBUTYL ETHER CAUSES MODERATE IRRITATION AND POSSIBLE CORNEAL INJURY.	
SKIN CONTACT.....	MAY CAUSE IRRITATION.	
SKIN ABSORPTION.....	ETHYLENE GLYCOL MONOBUTYL ETHER PENETRATES SKIN READILY. FREQUENT OR WIDE SPREAD CONTACT MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS. SIGNS AND SYMPTOMS OF TOXICITY ARE SIMILAR TO THOSE OF SWALLOWING.	
EFFECTS OF ACUTE EXPOSURE.....	DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.	
EFFECTS OF CHRONIC EXPOSURE.....	ETHYLENE GLYCOL MONOBUTYL ETHER MAY CAUSE HEMOLYSIS OF THE RED BLOOD CELLS LEADING TO POSSIBLE LIVER AND KIDNEY DAMAGE. . SOLVENTS MAY CAUSE DEFATTING DERMATITIS	
IRRITANCY OF MATERIAL.....	SKIN/EYE IRRITANT.	
CARCINOGENICITY OF MATERIAL.....	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 INDUSTRIAL HYGIENISTS).	
MUTAGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.	
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.	
REPRODUCTIVE EFFECTS.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.	
SENSITIZING CAPABILITY OF MATERIAL.	UNKNOWN.	

**SECTION 12: ECOLOGICAL CONSIDERATIONS**

ENVIRONMENTAL..... NOT AVAILABLE.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE 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.

**PRODUCT: SKS GLASS CLEANER 500 g / 17.6 oz (12% VOC)****SECTION 15: REGULATORY INFORMATION**

## CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,D1A,D2B.  
CNFC SECTION 3.3.5..... LEVEL 1.  
CEPA (Canadian Environmental Protection ... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC  
Act) SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

## U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.  
HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.  
HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.  
HMIS RATING PERSONAL PROTECTION.. B.  
NFPA CODE 30B..... LEVEL 1.  
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.  
TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY  
IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.  
VOC (w/w%)..... <12.

**SECTION 16: OTHER INFORMATION**

NOTICE FROM DOMINION SURE SEAL LTD THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY  
DOMINION SURE SEAL LTD. FREE OF CHARGE. WHILE BELIEVED TO BE  
RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK.  
DOMINION SURE SEAL ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING  
OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL  
SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED  
HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER  
MATERIAL OR IN ANY PROCESS.  
PREPARED BY..... Regulatory Affairs  
PREPARATION DATE ..... MAY25/15