
SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GM LEATHER, VINYL & CLOTH UPHOLSTERY CLEANER

ALL SYNONYMS : CN09095

GM LEATHER, VINYL & CLOTH UPHOLSTERY CLEANER
GM LEATHER, VINYL & CLOTH UPHOLSTERY CLEANER 992821
LEATHER, VINYL & CLOTH UPHOLSTERY CLEANER 992821
SPOT LIFTER
12378448
726352
992821
992821 GM LEATHER, VINYL & CLOTH UPHOLSTERY CLEANER (FOR
MER)
992821, GM LEATHER, VINYL & CLOTH UPHOLSTERY CLEANER (FO
RMER)

SAFE USE CATEGORY AND DESCRIPTION: 16 -GENERAL USE

LAST UPDATED DATE: 1998-07-22

MANUFACTURER'S ID (MID): 000539500

MANUFACTURER'S NAME: SHRADER CANADA LTD.

MANUFACTURER'S MAILING ADDRESS:

830 PROGRESS COURT
OAKVILLE ON L6L6K1
CA

SECTION 1 - OTHER INFORMATION: PRODUCT USE: FABRIC AND VINYL CLEANER.
CHEMICAL FAMILY: AQUEOUS SOLUTION. PREPARED BY: MICHEAL JOU, B.A.SC.,
SHRADER CANADA LTD.

WHMIS CLASSIFICATION: REGULATED

A: COMPRESSED GAS

D2B: POISONOUS AND INFECTIOUS MATERIALS

MATERIALS CAUSING OTHER TOXIC EFFECTS
TOXIC MATERIAL

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000067630	= 2.9000/ 0.0000%	W	ISOPROPYL ALCOHOL
000110918	= 1.0000/ 0.0000%	W	MORPHOLINE
000111762	= 0.3000/ 0.0000%	W	ETHANOL, 2-BUTOXY-
000112801	= 1.5000/ 0.0000%	W	9-OCTADECENOIC ACID, (Z)-
007732185	= 90.0000/ 0.0000%	W	WATER
010101890	= 0.8000/ 0.0000%	W	PHOSPHORIC ACID, TRISODIUM SALT, D ODECAHYDRATE
027176870	= 0.8000/ 0.0000%	W	BENZENESULFONIC ACID, DODECYL-
068476868	= 1.7000/ 0.0000%	W	Petroleum gases, liquefied, sweete ned

070085006 = 0.8000/ 0.0000% W Terpenes and Terpenoids, limonene
fraction, polymers with turpentine
-oil .beta.-pinene fraction terpenes

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR =	Y
EYE PRIMARY ENTRY ROUTE INDICATOR =	Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR =	Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR =	Y

EFFECTS OF OVEREXPOSURE - SKIN: EFFECTS OF ACUTE EXPOSURE: NO HAZARD UNDER NORMAL CONDITIONS OF USE. FREQUENT OR PROLONGED CONTACT MAY DRY AND IRRITATE THE SKIN AND CAUSE A RASH. IRRITANCY OF PRODUCT: MAY BE MILDLY IRRITATING TO SKIN. SENSITIZATION TO PRODUCT: CONTAINS NO KNOWN SKIN SENSITIZERS.

EFFECTS OF OVEREXPOSURE - EYE: EFFECTS OF ACUTE EXPOSURE: DIRECT CONTACT CAUSES EYE IRRITATION. VAPORS WILL IRRITATE THE EYES. SYMPTOMS WILL INCLUDE PAIN, REDNESS AND TEARING. IRRITANCY OF PRODUCT: MAY BE MILDLY IRRITATING TO EYES.

EFFECTS OF OVEREXPOSURE - INHALATION: EFFECTS OF ACUTE EXPOSURE: NO HAZARD UNDER NORMAL CONDITIONS OF USE. HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION WITH RESULTS RANGING FROM DIZZINESS AND HEADACHE TO UNCONSCIOUSNESS. SENSITIZATION TO PRODUCT: CONTAINS NO KNOWN RESPIRATORY SENSITIZERS.

EFFECTS OF OVEREXPOSURE - INGESTION: EFFECTS OF ACUTE EXPOSURE: INGESTION OF SMALL AMOUNTS DURING NORMAL HANDLING ARE NOT LIKELY TO CAUSE INJURY. LARGER AMOUNTS MAY CAUSE EFFECTS SIMILAR TO THOSE DESCRIBED UNDER INHALATION. SYMPTOMS INCLUDE NAUSEA, VOMITING AND DIARRHEA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NOT YET DETERMINED.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: ADDITIONAL INFORMATION: IF SYMPTOMS SUCH AS CONVULSIONS OR UNCONSCIOUSNESS OCCUR BEFORE VOMITING, GASTRIC LAVAGE SHOULD BE CONSIDERED. HEMODIALYSIS SHOULD BE CONSIDERED IN SEVERE ACUTE INTOXICATIONS.

EMERGENCY FIRST AID PROCEDURES - SKIN: WIPE EXCESS FROM SKIN. WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

EMERGENCY FIRST AID PROCEDURES - EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS. REMOVE CONTACT LENSES IF ANY, AFTER THE INITIAL FLUSHING, AND THEN CONTINUE FLUSHING. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE VICTIM TO FRESH AIR. ADDITIONAL FIRST AID IS NOT NORMALLY REQUIRED.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 05: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES: EXTINGUISHING MEDIA: USE EXTINGUISHING MEDIA FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND PREVENT BURSTING. DO NOT USE A DIRECT STREAM OF WATER.

HMIS CODES:

HMIS REACTIVITY CODE = 1

HMIS HEALTH CODE = 2

HMIS FLAMMABILITY CODE = 2

NFPA CODES:

NFPA FLAMMABILITY CODE = 2

NFPA HEALTH CODE = 2

1FID: 00315377 C H E M I S T R I DATE: 10/22/02

VER DATE: 1994-03-01 MATERIAL SAFETY DATA SHEET TIME: 19:02:30

PAGE: 0003

NFPA REACTIVITY CODE = 1

AUTO-IGNITION TEXT: NOT AVAILABLE.

FLASH POINT TEXT: NOT APPLICABLE. AQUEOUS SOLUTION.

FLASH POINT METHOD TEXT: NOT APPLICABLE. AQUEOUS SOLUTION.

SECTION 5 - OTHER INFORMATION: NFPA: NOT YET DETERMINED. NFPA CLASSIFICATION: AEROSOL, LEVEL 1. FLAME PROJECTION: 0 CM. NFPA: CLASSIFICATION: NOT APPLICABLE. UPPER AND LOWER EXPLOSIVE LIMIT, (% VOL): NOT AVAILABLE. CONDITIONS OF FLAMMABILITY: CONTENTS UNDER PRESSURE. CONTAINER MAY IF EXPLODE IF HEATED. WHEN SPRAYED THE PRODUCT WILL SUPPORT COMBUSTION, BUT WILL NOT PROJECT A FLAME. HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF NITROGEN AND CARBON AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: CONTAIN SPILLED MATERIAL. AVOID CONTAMINATION OF NATURAL WATERWAYS. WEAR SUITABLE PROTECTIVE CLOTHING. FOLLOW APPLICABLE EXPLOSION AND FIRE PRECAUTIONS DURING THE RESPONSE. STOP THE SPILL AT THE SOURCE WHEN SAFE TO DO SO. FOR LARGE SPILLS, DIKE THE AREA TO PREVENT SPREADING. PUMP EXCESS TO A SALVAGE CONTAINER. ABSORB RESIDUES AND SMALL SPILLS WITH A NONFLAMMABLE ABSORBENT MATERIAL AND COLLECT ADSORBATE FOR DISPOSAL. FOR LARGE QUANTITIES REFER TO THE ENVIRONMENTAL MINISTRY.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS. AVOID SKIN AND EYE CONTACT. USE GOOD PERSONAL HYGIENE. AVOID SMOKING, EATING AND DRINKING DURING USE. WASH WITH SOAP AND WATER AFTER HANDLING. STORAGE REQUIREMENTS: STORE IN A COOL AREA, AWAY FROM ALL SOURCES OF HEAT, IGNITION, AND INCOMPATIBLES. KEEP FROM FREEZING. KEEP AWAY FROM CHILDREN. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES. CONTACT LENSES SHOULD NOT BE WORN. THEY MAY CONTRIBUTE TO THE SEVERITY OF THE INJURY.

SKIN PROTECTION: CLOTHING: SUFFICIENT CLOTHING TO PREVENT SKIN CONTACT.

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. IF THE TLV IS EXCEEDED, A NIOSH APPROVED RESPIRATOR IS ADVISED.

PERSONAL PROTECTIVE EQUIPMENT: OTHER: THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT WILL VARY DEPENDING ON THE CONDITIONS OF USE.

ENGINEERING CONTROLS: VENTILATION REQUIREMENTS: UNDER NORMAL CONDITIONS OF USE, GENERAL VENTILATION SHOULD BE SATISFACTORY. LOCAL VENTILATION IS RECOMMENDED IF THE PRODUCT IS MISTED, OR USED ON CONFINED SPACES OR IF THE TLV IS EXCEEDED. MAKE UP AIR SHOULD ALWAYS BE SUPPLIED TO BALANCE AIR EXHAUSTED. OTHER: EMERGENCY SHOWER AND EYE WASH FACILITY SHOULD BE NEARBY.

PROTECTIVE GLOVES (SPECIFY TYPE): NATURAL RUBBER.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEXT: NOT AVAILABLE.

MELTING/FREEZE POINT TEXT: NOT AVAILABLE.

SPECIFIC GRAVITY VALUES: R 0.9800- 1.0100
SPECIFIC GRAVITY TEXT: AT 15 C.

VAPOR DENSITY TEXT: NOT AVAILABLE.

VAPOR PRESSURE TEXT: NOT AVAILABLE.

PERCENT VOLATILE BY WEIGHT VALUES: = 17.0000
PERCENT VOLATILE BY WEIGHT TEXT: (% W/W)

EVAPORATION RATE TEXT: NOT AVAILABLE.

SOLUBILITY IN WATER TEXT: (% W/W): COMPLETE.

PH OF PRODUCT AS RECEIVED (NEAT)/VALUE: R 8.5000- 10.5000
PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NEAT.

APPEARANCE: YELLOW. AEROSOL.

ODOR: MILD, SWEET ODOR. ODOR THRESHOLD: NOT AVAILABLE FOR PRODUCT.

PHYSICAL STATE: LIQ

SECTION 9 - OTHER INFORMATION: COEFF. OF WATER/OIL DIST: NOT AVAILABLE.

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: CONDITIONS OF INSTABILITY: STABLE AT AMBIENT AND MODERATELY ELEVATED TEMPERATURES AND PRESSURES. INCOMPATIBLE MATERIALS: AVOID ALUMINUM, TIN, ZINC, COPPER AND THEIR ALLOYS. AVOID STRONG MINERAL ACIDS. AVOID STRONG OXIDIZERS SUCH AS H₂O₂, HNO₃, AND OLEUM. CONDITIONS OF REACTIVITY: AVOID EXCESSIVE HEAT, SPARKS AND OPEN FLAME. AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF NITROGEN AND CARBON AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

HAZARDOUS POLYMERIZATION INDICATOR: N

SECTION 10 - OTHER INFORMATION: SENSITIVITY TO MECHANICAL IMPACT: CONTENTS UNDER PRESSURE. PROTECT AGAINST PHYSICAL DAMAGE. SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: REPRODUCTIVE EFFECTS: NOT AVAILABLE. TERATOGENICITY: NOT AVAILABLE. MUTAGENICITY: NOT AVAILABLE. OTHER: NO TOXICOLOGICAL INFORMATION IS AVAILABLE FOR THE PRODUCT. SYNERGISTIC: NOT AVAILABLE. LD/50, ROUTE, SPECIES: 68476-86-8: N.AV. 112-80-1: 74 G/KG, ORAL, RAT. 67-63-0: 4.72 G/KG, ORAL/RAT, 12.8 G/KG, DERM/RAB. LC/50, ROUTE SPECIES: 68476-86-8: N.AV. 112-80-1: N.AV. 67-63-0: 12000 PPM, 8 H, RAT.

CARCINOGENICITY: EFFECTS OF CHRONIC EXPOSURE: MORPHOLINE REACTS WITH NITRITES OR NITROUS ACID TO FORM NITROSAMINES WHICH CAUSED CANCER IN ANIMAL TESTS. NO COMPONENTS ARE LISTED AS CARCINOGENS BY ACGIH, IARC, OSHA, OT NTP.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: ENVIRONMENTAL: MAY BE HARMFUL TO AQUATIC LIFE AT LOW CONCENTRATIONS. BIODEGRADABILITY: NOT AVAILABLE FOR PRODUCT.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR EXPOSE TO HEAT, EVEN WHEN EMPTY. DESTROY BY INCINERATION OR BIOLOGICAL TREATMENT IN ACCORDANCE WITH APPLICABLE LEGISLATION.

SECTION 14: TRANSPORT INFORMATION

SECTION 14 - OTHER INFORMATION: AIR SHIPMENT: AEROSOL, NONFLAMMABLE, N.O.S., CLASS 2.2, UN1950, PACK INSTR. 203. MARINE SHIPMENT: AEROSOLS, CLASS 2, UN1950, EMS # 2-13, MFAG 620, IMDG CODE PAGE 2102. ROAD SHIPMENT: AEROSOL, CLASS 2.2, UN1950.

TDG CLASSIFICATION: REGULATED

TDG SHIPPING NAME: AEROSOLS

TDG UN NUMBER: UN1950
TDG HAZARD CLASS: 2.2
TDG PACKING GROUP: _

SECTION 15: REGULATORY INFORMATION

SARA 311/312 HAZARD INDICATORS:

IMMEDIATE HEALTH INDICATOR =	N
DELAYED HEALTH INDICATOR =	N

SECTION 15 - OTHER INFORMATION: CEPA: ALL COMPONENTS ARE LISTED ON THE DOMESTIC SUBSTANCE LIST, (DSL). CPR COMPLIANCE: THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR, AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.