

Material Safety Data Sheet
Kleen Screen

QuestVapco Corporation
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REVISION DATE: 05/18/2013
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 2540

SECTION I - IDENTIFICATION

PRODUCT NAME: Kleen Screen
PRODUCT CODE: 2540
PRODUCT USE: Glass cleaner

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111-76-2	50 ppm	20 ppm
Ethyl Alcohol	75-28-5	1000 ppm	1000 ppm
Propane/N-Butane	68476-86-8	N/A	1000 ppm

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures 120°F or store in direct sunlight.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: May cause irritation.
INGESTION: Not a likely route of exposure under normal product handling conditions.
INHALATION: Causes dizziness if inhaled directly or exposed to excessive amounts.
SKIN: May cause mild irritation, localized defatting.
MEDICAL CONDITION AGGRAVATED: None known
CHRONIC HEALTH HAZARDS: None known
CARCINOGENICITY:
OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
INGESTION: Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.
INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
SKIN: Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.
NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: Not Tested
FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER: N/A **LOWER:** N/A
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.
HAZARDOUS COMBUSTION PRODUCTS: None known

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SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.
RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting.
OTHER PRECAUTIONS: None

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation suitable, forced ventilation should not be required
RESPIRATORY PROTECTION: Not required with normal use.
PROTECTIVE CLOTHING: None
ADDITIONAL MEASURES: Follow normal hygiene practices
EXPOSURE GUIDELINES: N/A

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Foam	ODOR: Pleasant scent
PHYSICAL STATE: Liquid	BOILING POINT: 212°F (100°C)
FREEZING POINT: Not Tested	VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)
VAPOR DENSITY (AIR=1): 1	EVAPORATION RATE: < 0.8 (Slow)
SPECIFIC GRAVITY (H2O=1): 0.99	pH: 9.6
SOLIDS (%): Not tested	SOLUBILITY IN WATER: 100%
VOLATILITY INCLUDING WATER (%): 100%	VOLATILE ORGANIC COMPOUNDS (VOC): 8.5 %
DIELECTRIC STRENGTH (Volts): N/A	

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Temperatures greater than 120°F may cause bursting.
INCOMPATIBILITY: Strong oxidizers, Alkalies, Acids
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None known
HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **2-Butoxyethanol** (111-76-2) LD₅₀ (Oral, Rat) 470 mg/kg; Inhalation rat LC₅₀ (Inhalation, Rat, 4hr) 450 ppm; LD₅₀ (Dermal, Rabbit) 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: **Ethyl Alcohol** (64-17-5) LC₅₀ (Fish, 96hr) 12,900-15,300 mg/L; LC₅₀ (Bacteria, 24hr) 11,200 mg/L; EC₅₀ (Bacteria, 5-30 min) 34,900 mg/L **2-Butoxy Ethanol** (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.

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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.
RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Non-corrosive Cleaning Compound
HAZARD CLASS/DIVISION: ORM-D
PACKAGING GROUP:

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
NOTE:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: **2-Butoxyethanol** (111-76-2) Acute health hazard, Chronic health hazard. **Ethyl Alcohol** (64-17-5) Acute Health, Chronic Health, Fire
SARA 313 REPORTABLE INGREDIENTS: **2-Butoxyethanol** (111-76-2) 1%
CLEAN WATER ACT: None
STATE REGULATIONS: This product contains no known chemicals regulated by California's proposition 65. New Jersey's Worker and community Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2; Massachusetts' Right to Know Law: 2-BUTOXY ETHANOL - 111-76-2 Pennsylvania's Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2;
INTERNATIONAL REGULATIONS: **2-Butoxyethanol** (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	1	HMIS FLAMMABILITY:	0
NFPA REACTIVITY:	1	HMIS REACTIVITY:	1
NFPA OTHER:	N/A	HMIS PROTECTION:	A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: John Holdren

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