



# Safety Data Sheet VANDEX (A)

## SECTION I - IDENTIFICATION

**PRODUCT NAME:** VANDEX (A)  
**PRODUCT CODE:** 500-9710012  
**PRODUCT USE:** Vandalism Mark Remover  
**COMPANY NAME:** MEGA-LAB MANUFACTURING CO. LTD.  
**COMPANY ADDRESS:** 3-25 Planchet Road, CONCORD, ON L4K 2C5, CANADA  
**COMPANY PHONE:** 1-905-532-9000  
**EMERGENCY PHONE:** 1-905 532-9000 (Monday to Friday 8:30am to 4:00pm)

## SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Aerosol: Category 1  
 Liquefied Gas  
 Skin Irritant: Category 2  
 Eye Irritant: Category 2A  
 Specific Target Organ Toxicity (Repeated Exposure): Category 2  
 Specific Target Organ Toxicity (Single Exposure): Category 3  
 Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. May cause damage to auditory system through prolonged or repeated exposure.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and protective glasses. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and national regulations. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

## SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Acetone	67-64-1	30-60%
Xylene	1330-20-7	15-40%
Propane/n-Butane	68476-86-8	10-30%
Ethyl Benzene	100-41-4	1-15%

## SECTION IV - FIRST AID MEASURES

**EYES:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

## Safety Data Sheet VANDEX (A)

**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**SKIN:** If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

**ACUTE HEALTH HAZARDS:** Inhalation: dizziness, drowsiness, weakness, fatigue, and serious nervous system depression

Eye: stinging, tearing, redness, blurred vision

Oral: Aspiration risk

Skin: Defatting and dermatitis

**CHRONIC HEALTH HAZARDS:** May cause damage to the following: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS).

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, water spray for cooling.

**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.

**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:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

### SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Wipe up with rag or use some absorbent clay material. Remove any source of ignition. Use non-sparking tools and equipment.

**WASTE DISPOSAL:** Dispose of in accordance with local, State and Federal regulations. Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection.

**RCRA STATUS:** Waste solvent likely considered U239 (Xylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product. Keep out of the reach of children

**INCOMPATIBILITY:** Concentrated nitric & sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, plastics, rubber, coatings.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	500 ppm
Xylene	100 ppm	100 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Ethyl Benzene	100 ppm	100 ppm

**ENGINEERING CONTROLS / VENTILATION:** Use only in well ventilated areas or outside. Forced ventilation required. Local exhaust preferred to general.

**RESPIRATORY PROTECTION:** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling. Avoid breathing vapors.

**Safety Data Sheet**  
**VANDEX (A)**

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear Aerosol  
**ODOR:** Solvent odor  
**ODOR THRESHOLD:** N/D  
**BOILING POINT:** > 150°F (65.6°C)  
**FREEZING POINT:** N/D  
**FLAMMABILITY:** Extremely Flammable Aerosol  
**FLASH POINT:** 65°F  
**AUTOIGNITION TEMPERATURE:** N/D  
**LOWER FLAMMABILITY LIMIT:** N/D  
**UPPER FLAMMABILITY LIMIT:** N/D  
**VAPOR PRESSURE (mm Hg):** 77.3 @ 77°F (25°C)  
**VAPOR DENSITY (AIR=1):** 4.5  
**EVAPORATION RATE:** > 1  
**SPECIFIC GRAVITY (H2O=1):** 0.87 @ 77° F  
**pH:** N/A  
**SOLUBILITY IN WATER:** 3%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow):** N/D  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 50%  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** None Known  
**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.  
**INCOMPATIBILITY:** Concentrated nitric & sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, plastics, rubber, coatings.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Acetone (67-64-1) LD<sub>50</sub> (Oral, Rat) 5800 mg/kg; LD<sub>50</sub> (Oral, Mouse) 3000 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 5340 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 8hr) 50100 mg/m<sup>3</sup>; LC<sub>50</sub> (Inhalation, Mouse, 4hr) 44,000 mg/m<sup>3</sup> Xylene (1330-20-7) LD<sub>50</sub> (Oral, Rat) 4000 mg/kg; LC<sub>50</sub> (Vapors, Mice) 5000 ppm  
**ROUTES OF ENTRY:** Ingestion, Inhalation, Skin  
**EYES:** Redness, irritation, causes temporary corneal opacity  
**INGESTION:** May cause nausea, diarrhea, vomiting, depending on the amount ingested.  
**INHALATION:** Causes dizziness, nausea, vomiting, excessive or prolonged exposure may cause unconsciousness, death.  
**SKIN:** Causes severe irritation, localized defatting.  
**MEDICAL CONDITION AGGRAVATED:** None known  
**ACUTE HEALTH HAZARDS:** Inhalation: dizziness, drowsiness, weakness, fatigue, and serious nervous system depression  
Eye: stinging, tearing, redness, blurred vision  
Oral: Aspiration risk  
Skin: Defatting and dermatitis  
**CHRONIC HEALTH HAZARDS:** May cause damage to the following: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS).  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Acetone (67-64-1) LC<sub>50</sub> (Trout, 96hr) 5540 mg/L; LC<sub>50</sub> (Bluegill, 96hr) 8300 mg/L; LC<sub>50</sub> (Fathead Minnow, 96hr) 7500 mg/L  
**BIODEGRADABILITY:** Component or components of this product are not biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**Safety Data Sheet**  
**VANDEX (A)**

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** This material is toxic to aquatic life.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with local, State and Federal regulations. Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection.

**RCRA STATUS:** Waste solvent likely considered U239 (Xylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Xylenes (1330-20-7) Reportable  
Quantity = 100 lbs Ethylbenzene (100-41-4): RQ 1000lbs

**SARA 311/312 HAZARD CATEGORIES:** Fire Hazard

**SARA 313 REPORTABLE INGREDIENTS:** Xylenes - 1330-20-7

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** Xylene (1330-20-7) RTK: CA, DE, ID, MA, ME, MN, NJ, NY, PA, RI, WA. CA **Prop 65:** This product contains chemicals known to the state of California to cause cancer: Ethylbenzene (100-41-4). RTK: CA, DE, ID, IL, MA, ME, MN, NJ, NY, PA, RI, WA, WI

**INTERNATIONAL REGULATIONS:** Xylenes - EINECS, WHMIS (Canada): CLASS B-2. CLASS D-2A. DSCL (EEC): R10-Flammable. R21- Harmful in contact with skin. R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children. S36/37- Wear suitable protective clothing and gloves. S46- If swallowed, seek medical advice immediately and show this container or label.

**NFPA HEALTH:** 2

**HMIS HEALTH:** 2

**NFPA FLAMMABILITY:** 3

**HMIS FLAMMABILITY:** 3

**NFPA REACTIVITY:** 1

**HMIS REACTIVITY:** 1

**NFPA OTHER:** None

**HMIS PROTECTION:** B

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Technical Department

**DATE PREPARED:** 12/16/2013

**REVISION DATE:** 03/12/2018

## **Safety Data Sheet VANDEX (A)**

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.