# Safety Data Sheet

**Issue Date** 05-Aug-2015 **Revision Date** 5-Sept-2015 **Version 3**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**
**Product Name** United 126 Vandalism Mark Remover

**Other means of identification**
**SDS#** UNITED-126

**Recommended use of the chemical And restrictions on use**
**Recommended use** Vandalism Mark Remover
**Uses Advised Against** For industrial and institutional use only.

**Details of the supplier of the safety data sheet**
**Company Name**
United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

**Emergency telephone number**
**Emergency Telephone** 800-323-2594 (to reorder)
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---|---|
| Flammable Aerosol | Category 1 |
| Eye Irritant | Category 2A |
| Skin Irritant | Category 2 |
| Liquefied Gas | |
| Specific Target Organ Toxicity (single exposure) | Category 3 |
| Reproductive Toxicity | Category 1 |
| Aspiration Hazard | Category 1 |

**Label elements**

**Emergency Overview**

# Danger

**Hazard statements**

Extremely flammable aerosol. Contains gas under pressure. May explode if heated. Causes serious skin and eye irritation. May cause drowsiness or dizziness. May damage fertility or the unborn child. May be fatal if swallowed and enters airways.

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

**Appearance** White Gel **Physical state** Aerosol **Odor** Sweet Ethereal

**Prevention**
Keep away from heat/sparks/open flames/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. Avoid breathing fumes, vapors and spray.

**Response**
Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. 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. Wear protective gloves and eye protection. If swallowed: Immediately call poison center or doctor. Do not induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call poison center if you feel unwell. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention.

**Storage**
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in well-ventilated place.

**Disposal**
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**
May cause mild skin irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|---|---|---|---|
| Toluene | 108-88-3 | 10-30 | * |
| Diethylene Glycol Monobutyl Ether | 111-90-0 | 10-30 | * |
| Propane/n-Butane | 68476-86-8 | 10-30 | * |
| Ethyl Alcohol | 64-17-5 | 15-40 | * |
| Butyl Acetate | 123-86-4 | 1-5 | * |
| 2-Butoxyethanol | 111-76-2 | 3-7 | * |
| N-Methyl Pyrrolidone | 872-50-4 | 1-5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**First aid measures**

**Skin Contact** Immediately was with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

**Eye contact** If in the eyes: Rinse cautiously with water for several minutes. Remove contacts lenses, if present and east to do. Continue rinsing. If eye irritation persists: Get medical attention.

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

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

**Acute hazards** Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System Depression. Oral: Abdominal irritation, nausea, vomiting, diarrhea and aspiration risk.

May cause damage to the following organs: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system.

**Indication of any immediate medical attention and special treatment needed**

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

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Carbon Dioxide, Dry Chemical, Water Spray for cooling and Foam.

**Unsuitable extinguishing media** Water spray/stream.

**Specific hazards arising from the chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame. Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**Protective equipment and precautions for firefighters**

Firefighters must use standard protective equipment, with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

**Fire-fighting equipment/instructions**

Wear full protective clothing, SCBA. Use water spray only to cool exposed containers.

**Specific Methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

**Hazardous Combustion Products**: Oxides of carbon

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** For personal protection, see Section 8 of the SDS.

**Methods and material for containment and cleaning up**

**Methods for containment** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Use non-sparking tools and equipment.

**Methods for cleaning up** Wipe with rag or use some absorbent clay material. For waste disposal, see Section 13 of the SDS.

**Waste Disposal** Dispose of in accordance with local, state and federal regulations. Do not puncture or incinerate container. Do no 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).

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Containers of this material be hazardous when empty since they retain product residues (vapors, liquid); Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Pressurized container. Do not puncture, incinerate or crush, even after use. Do not expose to direct sunlight, exceeding 50°C/122°F.

**Incompatible materials** Concentrated nitric and sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids plastic, rubber and coatings.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** No Exposure limits noted for ingredient(s).

| Chemical Name | OSHA | ACGIH | NIOSH |
|---|---|---|---|
| Propane/n-Butane (68476-86-8) | PEL: 1000 ppm | TWA: 1000 ppm | - |
| Toluene (108-88-3) | PEL: 300 ppm | TWA: 50 ppm | - |
| Ethyl Alcohol (64-17-5) | PEL: 1000 ppm | TWA: 1000 ppm | - |
| Butyl Acetate (123-86-4) | PEL: 150 ppm | TWA: 150 ppm | - |
| N-Methyl Pyrrolidone (872-50-4) | Not Established | No Established | - |
| 2-Butoxyethanol (111-76-2) | PEL: 50 ppm | TWA: 20 ppm | - |
| Diethylene Glycol Monobutyl Ether (111-90-0) | Not Established | Not Established | - |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Controls** Use only in well ventilated areas or outside. Forced ventilation required. Local exhaust preferred to general.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses are recommended.

**Skin and body protection** Chemical resistant gloves are recommended.

**Respiratory protection** Wear a NIOSH approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

**General Hygiene** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Avoid breathing vapors.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid
**Appearance** Aerosol
**Color** Clear white
**Odor** Sweet Ethereal

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | No information available | |
| **Specific Gravity** | 0.87 @ 77°F (25°C) | |
| **Percent volatile** | No information available. | |
| **Viscosity** | No Information available. | |
| **Melting point/freezing point** | No Information available. | |
| **Flash point** | 43°F (Liquid Mixture) | |
| **Boiling point and Boiling range** | >150 | |
| **Evaporation rate** | >1. | |
| **Flammability (solid, gas)** | Extremely Flammable Aerosol. | |
| **Upper flammability limit:** | No information available. | |
| **Lower flammability limit:** | No information available. | |
| **Vapor pressure** | 77.3 @77°F (20°C) | |
| **Vapor density** | >2 | |
| **Water solubility** | 3% | |
| **Solids (%)** | 7.5% | |
| **Partition coefficient** | No information available. | |
| **Auto-ignition temperature** | No information available. | |
| **Decomposition temperature** | No information available. | |
| **Volatility including water** | 97% | |
| **VOC (weight %)** | 80% | |

## 10. STABILITY AND REACTIVITY

**Reactivity**
This product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability**
Stable at normal conditions.

**Possibility of Hazardous Reactions**
Hazardous polymerization does not occur.

**Conditions to avoid**
Avoid temperatures exceeding 120°F and sources of ignition.

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

**Hazardous Decomposition Products**
Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

| | |
|---|---|
| **Inhalation** | Causes dizziness, nausea, vomiting, excessive or prolonged exposure may cause unconsciousness, death. |
| **Eye contact** | Irritation, redness, causes temporary corneal opacity. |
| **Skin Contact** | Causes severe irritation, localized defatting. |
| **Ingestion** | May cause nausea, diarrhea, vomiting, depending on the amount ingested. |

**Information on toxicological effects**

**Acute toxicity** Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.

| Chemical Name | Dermal $LD_{50}$ | Oral $LD_{50}$ | Inhalation $LC_{50}$ |
|---|---|---|---|
| Acetone (67-67-1) | - | 5800 mg/kg (Rat) | 50100 mg/m$^3$, 8 hours (Rat) |
| Xylenes (1330-20-7) | 1700 mg/kg (Rat) | 4300 mg/kg (Rat) | - |

*Estimates for product may be based on additional component data not shown.

**Skin irritation** Causes severe irritation, localized defatting.
**Eye damage/eye irritation** Redness, irritation, causes temporary corneal opacity.
**Respiratory Sensitization** None known.
**Skin Sensitization** This product is not expected to cause skin sensitization.
**Reproductive toxicity** Possible reproductive hazard. Not expected to be hazardous by OSHA criteria.
**Carcinogenicity** This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
**Chronic effects** May cause damage to the following organs: blood, liver, kidneys, mucous membranes, bone marrow and central nervous system.

**Special target organ toxicity** None known.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Acetone (67-64-1).

**Persistence and degradability**
Component(s) of his product are not biodegradable.

**Bioaccumulation**
This product is not expected to bioaccumulate.

**Soil Mobility**
This product is mobile in soil.

**Other adverse effects**
This material is toxic to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not puncture, incinerate or crush. Do not reuse empty container. Wrap container and place in trash collection.

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

**Waste from residues/unused products** Dispose in accordance with local, state and federal regulations. (See disposal instructions).

## 14. TRANSPORT INFORMATION

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the “Consumer Commodity-ORM-D” marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the “Consumer Commodity ORM-D” marking and both may be displayed concurrently.

**DOT**

| | |
|---|---|
| **UN/ID No.** | UN1950 |
| **Proper shipping name** | Aerosols, Limited Quantity |
| **Transport hazard class(es)** | 2.1 |
| **Special precautions to user** | Read safety instructions, SDS and emergency procedures before handling. |
| **Packaging group** | No information available. |

**IATA**

| | |
|---|---|
| **UN/ID No.** | UN1950 |
| **UN proper shipping name** | Aerosols, Limited Quantity |
| **Transport hazard class(es)** | 2.1 |
| **Packaging group** | None |

**IMDG**

| | |
|---|---|
| **UN/ID No.** | UN1950 |
| **Proper shipping name** | Aerosols, Limited Quantity |
| **Transport hazard class** | 2.1 |
| **Packaging group** | None |

| | |
|---|---|
| **Environmental Class** | Yes |
| **Marine Pollutant** | |

## 15. REGULATORY INFORMATION

### International Inventories

None Known.

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory-Yes*

*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).

### US Federal Regulations

This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910, 1200.

### Clean Water Act (CWA)

None Known.

### SARA 311/312

Flammable.

### Superfund Amendments and Reauthorization Act of 1986

| | |
|---|---|
| **Acute health hazard** | Yes |
| **Delayed hazard** | Yes |
| **Fire hazard** | Yes |
| **Sudden release of pressure hazard** | No |
| **Reactive Hazard** | No |

### SARA 313 (TRI reporting)

| Chemical Name | CAS Number | % of weight |
|---|---|---|
| Xylenes | 1330-20-7 | 100 lbs. |

### CERCLA

This material, as supplied, does contain a substance regulated as a hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). Xylenes (1330-20-7), 100 lbs.

### US State Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania/Rhode Island |
|---|---|---|---|
| Xylene (1330-20-7) | X | X | X |

## 16. OTHER INFORMATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **NFPA** | **Health hazards** | **2** | **Flammability** | **4** | **Reactivity** | **1** | **Physical and Chemical Properties** None |
| **HMIS** | **Health hazards** | **2** | **Flammability** | 4 | **Reactivity** | **1** | **Personal protection** B |

**Issue Date** 05-Aug-2015
**Revision Date** 05-Sept-2015
**Revision Note** **Revision**

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**