



Safety Data Sheet

Issue Date 05-Sept-2015

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Version 4

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

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 2
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. Suspected of damaging 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** Clear spray**Physical state** Aerosol**Odor** Solvent odor**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	*
Propane/n-Butane	68476-86-8	10-30	*
Ethyl Alcohol	64-17-5	15-40	*
Butyl Acetate	123-86-4	5-25	*
2-Butoxyethanol	127087-87-0	3-7	*

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

4. FIRST AID MEASURES

First aid measures**Skin Contact**

Immediately wash 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 contact lenses, if present and easy 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 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).

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: 200 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	-
2-Butoxyethanol (111-76-2)	PEL: 50 ppm	TWA: 20 ppm	-

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. Wash hands thoroughly after handling.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Aerosol
Color Clear
Odor Solvent odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Viscosity	20-50 cPs	
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 (25°C)
Vapor density	4.5
Water solubility	3%
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
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.
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Chemical Name	Dermal LD ₅₀	Oral LD ₅₀	Inhalation LC ₅₀
Toluene (108-88-3)	>5000 mg/kg (Rabbit)	5580 mg/kg (Rat)	>28.1 mg/l, 4 hr (Rat)
Ethyl Alcohol (64-17-5)	16972.5 mg/kg (Rabbit)	>8311 mg/kg (Rat)	133.6 mg/L, 4hr (Rat)
2-Butoxyethanol (111-76-2)	440 mg/kg (Rabbit)	320 mg/kg (Rat)	700 ppm, 4hr (Mice)
Butyl Acetate (123-86-4)	>16 ml/kg (Rabbit)	14130 mg/kg (Rat)	-

Skin irritation	Causes severe irritation, localized defatting.
Eye damage/eye irritation	Redness, irritation, causes temporary corneal opacity.
Respiratory Sensitization	No information available.
Skin Sensitization	This product is not expected to cause skin sensitization.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic health hazards	Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, reproductive or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbance.
Medical conditions aggravated	Pre-existing conditions of the skin, liver, kidneys, CNS and respiratory system.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not established.

Persistence and degradability

Component(s) of this 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 hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

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	Not applicable

IATA

UN/ID No.	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Packaging group	Not applicable

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Transport hazard class	2.1
Packaging group	Not applicable

Environmental hazards water	Not applicable
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15. REGULATORY INFORMATION

International Inventories

Not applicable.

Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory-Yes*. Listed or exempt.

*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).

Clean Water Act (CWA)

None Known.

SARA 311/312**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
Toluene	108-88-3

CERCLA

This material, as supplied, does contain a substance(s) regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). Toluene (108-88-3) RQ=1,000 lbs. Butyl Acetate (123-86-4), RQ=5,000 lbs.

US State Regulations

This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov<<http://www.P65Warnings.ca.gov>>.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	2	Flammability	4	Reactivity	1	Physical and Chemical
							Properties None
<u>HMIS</u>	Health hazards	2	Flammability	4	Reactivity	1	Personal protection
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Issue Date	05-Sept-2015						
Revision Date	21-Oct-2019						
Revision Note	Updated Sections 2, 3, 8, 9, 11, 15 and 16						

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.

End of Safety Data Sheet