



LABORATORIES

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Version 4

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 126 VANDAL 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
Specific Target Organ Toxicity (repeated exposure)	Category 2
Reproductive Toxicity	Category 1B
Aspiration Hazard	Category 1

Label elements

Emergency Overview

Danger

Hazard statements

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

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. Use only outdoors or in a well-ventilated area.

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)

None known.

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	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 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 contacts 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.

<u>Ingestion</u>	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.
<u>Acute hazards</u>	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.
<u>Chronic hazards</u>	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 disturbances.
<u>Indication of any immediate medical attention and special treatment needed</u>	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. Exposure to temperature above 120°C may cause bursting. Flammable.

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 and methods for cleaning up Spill: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains.

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 likely considered 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 may be hazardous when empty since they retain product residues (vapors, liquid) observe all warning and precautions listed for the product. 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. Protect from sunlight. Do not expose to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated place.

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	-
N-Methyl Pyrrolidone (872-50-4)	Not Established	No Established	-
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.
- 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
Odor Solvent odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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%
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity	40
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

None known.

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

Ingestion, Inhalation and Skin.

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 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 disturbances.

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.
Carcinogenicity This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP. California Prop. 65
Chronic effects May cause damage to the following organs: skin, blood, liver, kidneys, lungs, reproductive or central nervous system.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

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 local, state 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 likely considered 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 No information available
 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 Hazard Categories

Superfund Amendments and Reauthorization Act of 1986

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

SARA 313 (TRI reporting)

Toluene (108-88-3).

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). Toluene (108-88-3) Reportable Quantity=1,000 lbs. Butyl Acetate (123-86-4) Reportable Quantity=5,000 lbs.

US State Regulations

CA Prop 65: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm: Toluene (108-88-3) (Reproductive); n-Methyl Pyrrolidone (872-50-4) (Reproductive); Benzene (71-43-2) (Cancer and Reproductive); Ethylbenzene (100-41-4) (Cancer); Acetaldehyde (75-07-0) (Cancer).

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 B
Issue Date	05-Sep-2015			
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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