

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 118 OUTRAGEOUS ORANGE

Other means of identification

SDS# UNITED 118

Recommended use of the chemical

And restrictions on use

Recommended use Professional Strength Stainless Steel Cleaner and Polish
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 Aerosols	Category 1
Acute toxicity – Dermal	Category 4
Skin irritation	Category 2
Sensitization – Skin	Category 1

Label elements

Emergency Overview

Danger

Hazard statements

Extremely flammable aerosol. Causes skin irritation. Harmful in contact with skin. May cause an allergic skin reaction.

**Appearance** Pale Amber**Physical state** Liquid**Odor** Citrus Scent**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 gas. Wash thoroughly after handling. Wear protective gloves/protective clothing. Contaminated work clothing must not be allowed out of the workplace.

Response

If on skin: Wash with plenty of water. Call a poison center or physician if you feel unwell. Specific treatment (see this label). If skin irritation or rash occurs: Get medical attention or advice. Take off contaminated clothing and wash before reuse.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

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

Hazard(s) not otherwise classified (HNOC)

Not classified.

Environmental hazards

Hazardous to the aquatic environment, acute hazard - Category 1

Hazardous to the aquatic environment, long-term hazard - Category 1

Supplemental information

Hazard statement – Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Prevention – Avoid release to the environment.

Response – Collect spillage.

22.41% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 22.41% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
D-Limonene	5989-27-5	60-80	*
Carbon Dioxide	124-38-9	2.5-10	*
Other components below reportable levels		10-20	*

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

4. FIRST AID MEASURES

First aid measures**Skin Contact**

Remove contaminated clothing. Wash off with soap and plenty of water. Call a poison control center or physician if you feel unwell. If skin irritation or rash occurs: Get medical attention/advice. For minor skin contact, avoid spreading material on unaffected skin.

<u>Eye contact</u>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continuing rinsing. If eye irritation persists: Get medical attention.
<u>Inhalation</u>	If symptoms develop move individual to fresh air. Get medical attention if symptoms persist.
<u>Ingestion</u>	Call a physician or poison control center if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

May cause allergic skin reaction. Irritant effects.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show label where possible). Wash contaminated clothing before reuse.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Powder. Alcohol resistant foam. Dry chemicals. Water. Water Spray. Carbon Dioxide (CO2).

Unsuitable extinguishing media None Known.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed space, SCBA.

Fire-fighting equipment/instructions

Move containers from fire area if you can do so at no risk. Use water spray to cool unopened containers. Containers should be cooled with water to prevent vapor pressure build up.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

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

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing gas. Ventilate closed spaces before entering them. Local authorities should be advised in significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

Environmental precautions**Environmental precautions**

Avoid release into the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Methods for containment	Refer to attached SDS and/or instructions for use. Prevent further leakage or spillage if safe to do so. Move the container to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, oil, paper, etc.) away from spilled material. Stop leak if you can do so without risk. Collect spillage.
Methods for cleaning up	Move the container to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Flush area with water, after product has been cleaned. Following product recovery, flush area with water. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. For waste disposal see Section 8 of SDS.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling	Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind or expose containers to heat, sparks, flame and other sources of ignition. Do not spray on naked flame or any other incandescent material. Equipment used when handling the product must be grounded. Do not re-use empty containers. Do not taste or swallow. Use only in ventilated areas. Avoid breathing in gas. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not empty
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Store locked up. Pressurized container. Do not puncture, incinerate or crush. Do not handle or store near flame, heat and sources of ignition. Avoid exposure to direct sunlight, exceeding 50°C/122°F. This material can accumulate static charge which may cause spark and become an ignition source. Level 3 Aerosol
Incompatible materials	Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon Dioxide (124-38-9)	STEL: 30000 ppm TWA: 5000 ppm	PEL: 9000 mg/m3 PEL: 5000 ppm	STEL: 54000 mg/m3 TWA: 30000 ppm TWA: 9000 mg/m3 TWA: 5000 ppm
D-Limonene (5989-27-5)	-	-	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Engineering Controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear eye/face protection. Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear protective gloves. Wear appropriate chemical resistant clothing.
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General Hygiene	When using do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Regular cleaning of equipment, work area and clothing is recommended to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Aerosol
Appearance	Clear
Color	Pale Amber
Odor	Citrus Scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	0.697 estimated	
Percent volatile	No information available.	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	-187.04°F (86.13°C) estimated	
Boiling point and Boiling range	No information available.	
Evaporation rate	No information available.	
Flammability (solid, gas)	No information available.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	90 psig @70F estimated	
Vapor density	No Information available.	
Relative density	No information available.	
Water solubility	No information available.	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
VOC (weight %)	74.17% estimated	

10. STABILITY AND REACTIVITY**Reactivity**

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

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to avoid

Avoid temperatures exceeding the flash point. Avoid heat, spark, open flames and other ignition sources.

Hazardous Decomposition Products

No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	Prolonged inhalation may be harmful.
Eye contact	Direct contact with eyes may cause temporary irritation.
Skin Contact	Harmful in contact with skin. May cause an allergic skin reaction.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Irritants effects.

Information on toxicological effects

Acute toxicity Harmful in contact with skin. May cause allergic skin reaction.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50/Other*
D-Limonene (5989-27-5)	2000 mg/kg (Rat)	5600-6600 mg/kg (Mouse)	0.1418 g/kg estimated* (Rat)
Carbon Dioxide (124-38-9)	-	-	-

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

Skin/Eye irritation	Causes skin irritation. Direct contact with eyes may cause temporary irritation.
Sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP and OSHA.
IARC Monographs, Overall Evaluation of Carcinogenicity	D-Limonene (5989-27-5) – 3 not classified as to carcinogenicity to humans.
Reproductive toxicity	No expected to cause reproductive or developmental effects.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Due to the form of the product, no likely.
Chronic effects	Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effect. Accumulation in aquatic organisms is expected.

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Chemical Name	Partition coefficient
D-Limonene (5989-27-5)	4.232

Other adverse effects No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Collect or dispose in sealed containers and licensed waste disposal site. Contents under pressure. Do not puncture or incinerate. Do not drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Disposal should be in accordance with applicable regional, national, local, international laws and regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues/unused products Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (See Disposal Instructions).

Contaminated packaging Do not reuse container. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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, flammable
Transport hazard class(es) 2.1
Label(s) None
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Special provisions N82
Packing exceptions 306

IATA

UN/ID No. UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es) 2.1
Label(s) 2.1
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
ERG code 10L

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Marine Pollutant
Transport hazard class	2.1
Label(s)	None
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Environmental Class

Marine Pollutant Yes.

15. REGULATORY INFORMATION

International Inventories

Australia, Canada, China, Europe, Korea, New Zealand, Philippines, United States and Puerto Rico – Yes*
Canada, Europe, and Japan - No

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-No regulated.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List-No

*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 a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA 302/304 Extremely hazardous substance and Emergency release notification

None.

Superfund Amendments and Reauthorization Act of 1986

Acute health hazard	No
Delayed hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	Yes
Reactivity Hazard	No

SARA 311-312 Hazardous chemical

None.

CERCLA

This material, as supplied, does not 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).

CAA (Clean Air Act) Section 112 Hazardous Air Pollutants (HAPs) List – Not regulated.

CAA (Clean Air Act) Section 112(r) Accidental Release Prevention (40 CFR 68.130) – Not regulated.

SDWA (Safe Drinking Water Act) – Not Regulated.

DEA (Drug Enforcement Administration). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number – Not Listed.

FDA (Food and Drug Administration) - Not Regulated.

US State Regulations**California Proposition 65**

WARNING: This product contains any chemicals listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Pennsylvania
Carbon Dioxide (124-38-9)	-	X
D-Limonene (5989-27-5)	X	X

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties Yes
HMIS	Health hazards 1	Flammability 2	Physical hazards 0	Personal protection B

Issue Date 11-Apr-2015

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Revision Note

No Information available

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