



LABORATORIES

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Version 3

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 117 STAINLESS STEEL CLEANER AND POLISH

Other means of identification

SDS# UNITED 117

Recommended use of the chemical

And restrictions on use

Recommended use Professional Strength Metal 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

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

Aerosols	Category 1
Eye irritation	Category 2A
Gases under pressure	Liquefied gas
Aspiration hazard	Category 1
Skin irritation	Category 2
Specific Target Organ Toxicity – Single Exposure (Narcotic effects)	Category 3

Label elements

Emergency Overview

Danger

Hazard statements

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

**Prevention**

If medical advice is needed, have product container or label at hand. 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. Wash hands thoroughly after handling. Wear eye/face protection and protective gloves. Avoid breathing mist, vapors or spray. Keep away from children.

Response

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/attention. If swallowed: Immediately call a poison center or physician. Do not induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

Storage

Store locked up. 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 and national regulations.

Hazard(s) not otherwise classified (HNOC)

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Isoparaffinic Petroleum Distillate	64742-47-8	41 - 67	*
Petroleum gases, liquefied, sweetened	68476-86-8	7 - 16	*
Mineral Oil	8042-47-5	6 - 13	*
Acetone	67-64-1	6 - 13	*
Silicone	63148-62-9	3 - 6	*
Methyl Acetate	79-20-9	0.2 - 3	*
Dimethoxymethane	106-87-5	0 - 0.4	*

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures**Skin Contact**

Take contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical attention/advice.

Eye contact

Remove source of exposure or move individual to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical attention/advice.

Inhalation

Remove source or individual to fresh air and keep comfortable for breathing. If exposed, feel unwell or concerned: Call a poison center or doctor.

Ingestion

Immediately call a poison center or doctor. Do not induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

No information available.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Dry chemical, foam carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined areas. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only. Do not direct a solid stream of water or foam into hot, burning pools. This may result in frothing and increased fire intensity.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Contents under pressure. Keep away from open flames, and other sources of ignition. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air may travel along surfaces to remote ignition sources and flash back.

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or sue for any other purposes. Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

Protective equipment and special firefighting procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. For personal protection, see Section 8 of the SDS.

Emergency procedure

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using regulated solvent, the resulting waste mixture may be regulated.

Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).

Methods and material for containment and cleaning up

Methods for containment and cleaning up Absorb liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

Environmental precautions Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eye wash stations and showers should be available in areas where this material is used and stored.

Conditions for safe storage, including any incompatibilities

Storage Conditions Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize containers to empty them. Store at temperatures below 120°F.

Ventilation Requirements Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Chemical Name	ACGIH TWA/STEL	OSHA TWA (Tables Z1, Z2, Z3)	NIOSH TWA/STEL
Dimethoxymethane	TWA: 1000ppm	TWA: 1000ppm TWA: 3100 mg/m ³	TWA: 1000ppm TWA: 3100 mg/m ³
Isoparaffinic Petroleum Distillate	TWA: (L) [N159](L) (mg/m ³) [N800]]; [5 (l) (L)[N159] (L) (ppm) [N800]];	Table 1 TWA: 500ppm TWA: 2000mg/m ³	-
Mineral Oil	[(L)]; [5(1)] (mg/m ³) (L) (ppm)	-	-
Acetone	TWA: 250ppm STEL: 500ppm	TWA: 1000 ppm TWA: 2400 mg/m ³	TWA: 590 mgm ³ TWA: 250ppm
Petroleum gases, liquefied, sweetened	-	Table 1 TWA: 500ppm TWA: 2000mg/m ³	-

(L)-Exposure by all routes should be carefully controlled to levels as low as possible.

Appropriate engineering controls

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.
Skin protection	Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection. PVS, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.
Respiratory protection	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29CFR1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.
General Hygiene	Always observe good personal hygiene measures, such as washing hands thoroughly after handling the material and before eating, drinking, and/or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol
Appearance	Clear
Color	Colorless

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable.	
Specific Gravity	Not applicable.	
Percent volatile	No information available.	
Viscosity	Not applicable.	
Melting point/freezing point	Not applicable.	
Flash point	Not applicable.	
Boiling point and Boiling range	Not applicable.	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Upper flammability limit:	Not applicable.	
Lower flammability limit:	Not applicable.	
Vapor pressure	Not applicable.	
Vapor density	Not applicable.	
Relative density	No information available.	
Water solubility	Not applicable.	
Partition coefficient	Not information available.	
Auto-ignition temperature	Not applicable.	
Decomposition temperature	Not applicable.	
VOC (weight %)	15%	
VOC Actual (g/l)	116.40 g/l	
Density	6.48 lb/gal	
Density VOC	0.97 lb/gal	

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Material is stable at normal storage and handling conditions.

Possibility of Hazardous Reactions

Will not occur.

Conditions to avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials. Dropping containers may cause bursting.

Incompatible materials

Avoid strong oxidizers, reducers, acids, and alkalis.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	No information available.
Eye contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation.
Ingestion	May be fatal if swallowed and enters airways.
Respiratory/skin sensitization	Based on available information, the classification criteria are not met.
Reproductive toxicity	Based on available information, the classification criteria are not met.
Eye irritation	Causes serious eye irritation.
Carcinogenicity	Based on available information, the classification criteria are not met.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Based on available information, the classification criteria are not met.
Aspiration hazard	May be fatal if swallowed and enters airways.
Acute health hazards	Based on available information, the classification criteria are not met.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long-lasting effects.

Persistence and degradability

Acetone (67-64-1); 91% readily biodegradable, Method: OECD Test Guideline 301B Readily biodegradable. Mineral Oil (8042-47-5); Inherently biodegradable, but not readily biodegradable. Isoparaffinic Petroleum Distillate (64742-47-8) Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

Bioaccumulation

No information available.

Soil Mobility

Acetone (67-64-1) (The substance is not PBT/vPvB.) Isoparaffinic Petroleum Distillate (64742-47-8) Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

RCRA: Acetone (67-64-1).

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, Ltd. Qty.
Transport hazard class(es)	2.1
Packing Group	Not applicable

IATA

UN/ID No.	UN1950
UN proper shipping name	Aerosols, flammable, Ltd. Qty.
Transport hazard class(es)	2.1
Packing Group	Not applicable

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Ltd. Qty.
Transport hazard class(es)	2.1
Packing group	Not applicable

Environmental Class

Marine Pollutant	No information available.
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15. REGULATORY INFORMATION

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-All components listed or exempt. **DSL**-Domestic Substance List – listed or exempt. Canada NPRI (Isoparaffinic Petroleum Distillate (64742-47-8)).

US Federal Regulations

SARA 313 (TRI reporting)

None known.

SARA 311-312 Hazardous chemical

Isoparaffinic Petroleum Distillate (64742-47-8), Petroleum gases, liquefied, sweetened (68476-86-8), Mineral Oil (8042-47-5), Dimethoxymethane (109-87-5), Methyl Acetate (79-20-9), Silicone (63148-62-9), Acetone (67-64-1), 2-Cyclohexen-1-one,2-methyl-5-(1-methylethenyl)-, (5R) (6485-40-1) Trace.

CERCLA

This material, as supplied, does contain a substance 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). Acetone (67-64-1).

VOC Exempt: Acetone (67-64-1) and Silicone (63148-62-9).

US State Regulations**California Proposition 65**

This product is not known to contain any chemicals listed as carcinogens or reproductive toxins.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 1	Flammability 3	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 1/2	Flammability 4	Physical hazards 0	Personal protection B

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Revision Note	Regulatory Revisions

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