



LABORATORIES

Issue Date 11-Apr-2015

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Version 1

# 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

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                  |
| Serious Eye damage/eye irritation               | Category 2A                 |
| Aspiration hazard                               | Category 1                  |
| Specific target organ toxicity, single exposure | Category 3 narcotic effects |

### Label elements

#### Emergency Overview

## Danger

#### Hazard statements

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.

**Appearance** Colorless**Physical state** Liquid**Odor** Lemon/Solvent**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. Use only outdoors or in a well-ventilated area. Wear eye/face protection.

**Response**

If inhaled: Remove individual to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing. If swallowed: Immediately call a poison center or physician if you feel unwell. Do not induce vomiting. If eye irritation persists: get medical attention.

**Storage**

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep container tightly closed. Store in a well-ventilated place.

**Disposal**

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

**Hazard(s) not otherwise classified (HNOC)**

Not classified.

**Supplemental information**

51.75% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 51.75% 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 |
|-------------------------------------------|------------|----------|--------------|
| Acetone                                   | 67-64-1    | 10-20    | *            |
| Petroleum distillates, hydrotreated light | 64742-47-8 | 20-40    | *            |
| Propane                                   | 74-98-6    | 10-20    | *            |
| Methyl Acetate                            | 79-20-9    | 2.5-10   |              |
| Other components below reportable levels  | -          | 20-40    | *            |

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

**4. FIRST AID MEASURES****First aid measures****Skin Contact**

Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact**

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 persist: Get medical advice / attention.

**Inhalation**

Remove individual to fresh air and keep at rest in a position comfortable for breathing. Call a poison control or physician if you feel unwell.

**Ingestion**

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.

**Most important symptoms and effects, both acute and delayed**

May cause drowsiness and dizziness. Irritation of eyes and mucous membranes.

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

Provide general supportive measures and treat symptomatically. Keep individual under observation. Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Powder. Alcohol resistant foam. Dry chemicals. Carbon Dioxide.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**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. If there is no risk, move containers from fire area. 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. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**

Extremely flammable aerosol.

## 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing mist or vapor. 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. Isolate area until gas has dispersed. Collect spillage.

**Methods for cleaning up** Move the container to a safe and open area if the leak is irreparable. 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. 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. Keep away from 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. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Use only in ventilated areas. Avoid breathing in vapor or mist. Avoid contact with eyes. Avoid prolonged exposure. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Avoid release into environment.

### 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                                                         |
|---------------------------|-------------------------------|----------------------------------|--------------------------------------------------------------------|
| Acetone<br>67-64-1        | STEL: 750 ppm<br>TWA: 500 ppm | PEL: 2400 mg/m3<br>PEL: 1000 ppm | TWA: 590 mg/m3<br>TWA: 250 ppm                                     |
| Propane<br>74-98-6        | -                             | PEL: 1800 mg/m3<br>PEL: 1000 ppm | TWA: 1800 mg/m3<br>TWA: 1000 ppm                                   |
| Methyl Acetate<br>79-20-9 | STEL: 250 ppm<br>TWA: 200 ppm | PEL: 610 mg/m3<br>PEL: 200 ppm   | STEL: 760 mg/m3<br>STEL: 250 ppm<br>TWA: 610 mg/m3<br>TWA: 200 ppm |

NIOSH IDLH Immediately Dangerous to Life or Health

**Biological limit values** Acetone (67-64-1) 50 mg/l – Urine specimen.

### 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.

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

|                                 |                                                                                                                                                                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>      | Wear eye/face protection. Wear safety glasses with side shields or goggles.                                                                                                                                                                          |
| <b>Skin and body protection</b> | Wear protective gloves. Wear appropriate chemical resistant clothing.                                                                                                                                                                                |
| <b>Respiratory protection</b>   | If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.                                                                                                                              |
| <b>General Hygiene</b>          | 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. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |               |
|-----------------------|---------------|
| <b>Physical state</b> | Aerosol       |
| <b>Appearance</b>     | Clear         |
| <b>Color</b>          | Colorless     |
| <b>Odor</b>           | Lemon/Solvent |

| <u>Property</u>                 | <u>Values</u>                | <u>Remarks • Method</u> |
|---------------------------------|------------------------------|-------------------------|
| pH                              | No Information available.    |                         |
| Specific Gravity                | No information available.    |                         |
| Percent volatile                | No information available.    |                         |
| Viscosity                       | No Information available.    |                         |
| Melting point/freezing point    | No Information available.    |                         |
| Flash point                     | -156.0°F (104.4°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                  | 43-66 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 %)                  | 29.7% estimated              |                         |

## 10. STABILITY AND REACTIVITY

### Reactivity

This product has strong oxidizing agents.

### 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**

|                                                                                     |                                                                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                                   | May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. Narcotic effects.               |
| <b>Eye contact</b>                                                                  | May cause serious eye irritation.                                                                                  |
| <b>Skin Contact</b>                                                                 | No information available.                                                                                          |
| <b>Ingestion</b>                                                                    | May be fatal if swallowed and enters airways.                                                                      |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Causes serious eye irritation. Symptoms of overexposure may be headache, dizziness, tiredness, nausea or vomiting. |

**Information on toxicological effects**

**Acute toxicity** Narcotic effects. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

| Chemical Name             | Dermal LD50                               | Oral LD50              | Inhalation LC50                                      |
|---------------------------|-------------------------------------------|------------------------|------------------------------------------------------|
| Methyl Acetate<br>79-20-9 | 4997 mg/kg<br>(Rat)                       | 3.7 g/kg<br>(Rabbit)   | 3961 mg/l/ 4 hours<br>(Rat)                          |
| Acetone<br>67-64-1        | 20000 mg/kg (Rabbit)<br>20 ml/kg (Rabbit) | 5340 mg/kg<br>(Rabbit) | 76 mg/l, 4 hours<br>(Rat)                            |
| Propane<br>74-98-6        | -                                         | -                      | >1442 mg/l, 15 minutes<br>658 mg/l/ 4 hours<br>(Rat) |

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

|                                 |                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Skin/Eye irritation</b>      | Prolonged skin contact may cause mild skin irritation. Causes serious eye irritation.                                   |
| <b>Sensitization</b>            | This product is not expected to cause skin sensitization.                                                               |
| <b>Germ cell mutagenicity</b>   | No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>          | This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.                                          |
| <b>Reproductive toxicity</b>    | No expected to cause reproductive or developmental effects.                                                             |
| <b>STOT - single exposure</b>   | Narcotic effects. May cause drowsiness and dizziness.                                                                   |
| <b>STOT - repeated exposure</b> | No Information available.                                                                                               |
| <b>Aspiration hazard</b>        | May be fatal if swallowed and enters airways.                                                                           |
| <b>Chronic effects</b>          | Prolonged inhalation may be harmful.                                                                                    |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

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 |
|---------------------------|-----------------------|
| Acetone<br>67-64-1        | -0.24                 |
| Propane<br>74-98-6        | 2.36                  |
| Methyl Acetate<br>79-20-9 | 0.18                  |

**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 and local 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.

**US RCRA Hazardous Waste  
U List: Reference**

Acetone (67-64-1) U002

**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 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                 |
| ERG code                   | 10L                 |

**IMDG**

|                        |                     |
|------------------------|---------------------|
| UN/ID No.              | UN1950              |
| Proper shipping name   | Aerosols, flammable |
| Transport hazard class | 2.1                 |
| Label(s)               | None                |

**Environmental Class**

|                  |                                |
|------------------|--------------------------------|
| Marine Pollutant | Yes. Environmental hazards-Yes |
|------------------|--------------------------------|

**15. REGULATORY INFORMATION****International Inventories**

Australia, United States, Canada, China, Europe, Japan and Puerto Rico-Yes\*  
 Europe, Korea, New Zealand and Philippines-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****SARA 302 Extremely hazardous substance**

None.

**Superfund Amendments and Reauthorization Act of 1986**

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

**SARA 313 (TRI reporting)**

None.

**SARA 311-312 Hazardous chemical**

None.

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material. Acetone (67-64-1) Listed.

**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)** – Propane (74-98-6)

**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** – Acetone (67-64-1-1) 6532

**DEA, List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))** – Acetone (67-64-1) 35% WV

**DEA, Exempt Chemical Mixtures Code Number** – Acetone (67-64-1) 6532

**FDA (Food and Drug Administration)** Not Regulated.

**US State Regulations**



**California Proposition 65**

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

**U.S. State Right-to-Know Regulations**

| Chemical Name               | New Jersey | Pennsylvania |
|-----------------------------|------------|--------------|
| Methyl Acetate<br>(79-20-9) | -          | X            |
| Propane<br>74-98-6          | X          | X            |
| Acetone<br>67-64-1          | X          | X            |

**16. OTHER INFORMATION**

|             |                   |                |                    |                                    |
|-------------|-------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards -  | Flammability - | Instability -      | Physical and Chemical Properties - |
| <b>HMIS</b> | Health hazards *1 | Flammability 3 | Physical hazards 0 | Personal protection x              |

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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