



Safety Data Sheet

Rev. Date: 01/22/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Universal Heavy Duty Cleaner Degreaser

Cleaner

Aqueous Solution

Product Code: UL200026

Universal Lubricants, LLC

2824 N Ohio Street

Wichita, Kansas 67219

Website: www.universallubes.com

1-800-444-6457 Telephone

1-316-832-3627 Product Information telephone

1-800-424-9300 US, Canada, Puerto Rico, Virgin Isl.- Emergency telephone(CHEMTREC)

+1-703-527-3887 International / Maritime Emergency telephone (CHEMTREC)

2. HAZARDS IDENTIFICATION

Physical Hazards:	Not classified
Health Hazards:	Skin corrosion/irritation Category 3 Eye damage/irritation Subcategory 2B
Signal Word:	WARNING
Hazard Statement:	H316 Causes mild skin irritation H320 Causes eye irritation
GHS Symbol:	<i>No Symbol</i>

Precautionary Statements

Prevention: P280 Wear protective gloves/protective clothing/eye protection/face protection
P264 Wash contaminated area of the body thoroughly after handling

Response: P302+P352 IF ON SKIN: Wash with soap and water
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes
Remove contact lenses if present and easy to do – continue rinsing
P363 Wash contaminated clothing before reuse
P337+P332+P313 If eye/skin irritation occurs: Get medical advice/attention

Storage: P402+P404 Store in a dry place. Store in a closed container
P403 Store in a well-ventilated place

Disposal: P501 Dispose of contents/container with compliance to federal, state and local regulations. Contact Universal Lubricants for proper disposal options

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Aqueous Solution, Cleaner

Formula: Mixture

Molecular Weight: Variable

Component	CAS Number	Concentration %
Water		90-95
Dipropylene Glycol monomethyl ether	34590-94-8	5
Propylene Glycol n-propyl ether	1569-01-3	<3
Polyoxyethylene monoundecyl ether	34398-01-1	<3
Sodium xylene sulfonate	1300-72-7	<2

4. FIRST AID MEASURES

Eyes

Move individual away and into fresh air. Immediately flush eyes with large amounts of fresh water and continue flushing until irritation subsides. Seek medical attention.

Inhalation

If breathing difficulty exists, remove individual away from exposure and into fresh air. Seek medical attention. If breathing remains difficult, administer oxygen, keep person warm and quiet, and seek immediate attention.

Skin

Remove contaminated clothing. Wash contaminated area repeatedly with soap and water. Do not reuse clothing until thoroughly cleaned and laundered. Seek medical attention for persistent irritation.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth, place individual on the left side with head down and call emergency contacts. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting. Do not leave individual unattended.

Skin Injection

If product is injected into or under skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, foam, carbon dioxide (CO₂) or water spray or water fog.

Specific hazards from combustion

Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons, oxides of sulfur, nitrogen, phosphorus and other oxides may be products of combustion.

Special protective equipment for fire-fighters

Wear full firefighting turn-out gear (full bunker gear), and respiratory protection (SCBA). Keep containers cool with water spray. Heated containers may rupture.

NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Personal precautions and Protective equipment

Personal Protection, see section 8. Any individual not wearing protective equipment should not enter spill or contaminated area until all clean-up has been completed.

Emergency procedures

For personal emergency procedures see section 4. For fire emergency procedures see section 5. Contain spilled oil liquid if possible without posing any risk or personal injury.

Environmental precautions

Prevent spreading over a wide area. Contain spill immediately. Contact appropriate authorities of spill. Do not allow spill to enter sewer system, drains of any kind, surface water or water courses. Avoid flushing to such areas as well. Remove all sources of ignition.

Methods and materials for containment and cleaning up

Soak up or absorb with appropriate inert materials such as, sand, clay, silica gel, acid binder, universal binder, sawdust, paper fiber etc. Large spills may be picked up using vacuum pumps, shovels, buckets or other means of transfer and placed into drums or any other approved and suitable containers.

7. HANDLING AND STORAGE

Precautions for safe handling

This product is not classified as a Hazardous Material under DOT regulations. See NFPA 30 and OSHA 1910.106 flammable and combustible liquids. Mix only with water. Avoid breathing vapors or mist. Use in a well ventilated area.

Conditions for safe storage

Store in only approved and marked containers. Store in a cool, dry ventilated area. Keep containers closed when not in use and during transportation. Keep containers away from flame or other ignition sources.

Incompatibilities

Avoid heat, flame, sparks, static electricity, or other sources of ignition. Avoid freezing to prevent bursting of the container. Long term contact with aluminum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Final: (PEL)

Dipropylene Glycol monomethyl ether: 100 ppm TWA, 600 mg/m³ TWA

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV)

Dipropylene Glycol monomethyl ether: 100 ppm TWA, 150 ppm STEL

Respiratory protection

If vapor mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Fit testing may be required before use. Adequate ventilation in accordance with good engineering practices must be provided to maintain concentrations below the specified exposure or flammable limits.

Hand protection

For prolonged or repeated exposures hand protection is required. Wear resistant gloves suitable for the product, contact your safety department or supplier to determine the proper hand protection.

Eye protection

Not required under normal conditions of use. If material is handled such that it could be splashed or misted into eyes, wear plastic face shield or splash resistant safety goggles or glasses with side shields. Where spills and splashes are likely, facilities should be equipped with an emergency eye wash station and shower, both with clean water in the work area.

Skin and body protection

For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, bibs, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing. Launder soiled clothes, do not reuse contaminated clothing. Proper dispose of contaminated clothing or articles that cannot be laundered such as leather gloves, boots, etc. If skin irritation develops, contact your facility safety department or safety supplier to determine the proper protective equipment for your use.

Hygiene measures

Do not use contaminated clothing, launder clothing before reuse. Wash contaminated areas of the body which may have been exposed with soap and water. Wash thoroughly before handling food and beverages. Food and beverage consumption should be avoided in work areas where hydrocarbons are present.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, yellow liquid

Physical state: Liquid

Odor: Sassafras odor

Specific gravity (H₂O=1): 1.029

Melting point/freezing point: No data available

Initial boiling point and boiling range: >93.3°C, (>200°F)

Flash point (C.O.C): >93.3°C, (>200°F)

Upper/lower flammability or explosive limits: No data available

Vapor pressure: Not determined

Solubility in water: Complete

pH: 12.7 (Concentrate), 11.1 at 1:50 dilution

Liquid density: 8.52-8.62 lbs/US gal

Evaporation rate: 1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Reactivity: May react strong with oxidizing agents, not reactive with water

Chemical stability: Stable under normal temperatures and pressures

Possibility of hazardous reactions: Product will not undergo hazardous polymerization

Conditions to avoid: Heat, open flames, oxidizing materials and mist

Incompatible materials: Strong oxidizing agents, acids, and long term storage aluminum

Hazardous decomposition products: Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: No data available

Acute inhalation toxicity: No data available

12. ECOLOGICAL INFORMATION

Biodegradability: No data available

Bioaccumulation: No data available

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Toxicity to bacteria: No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal methods

All disposals must comply with federal, state and local regulations. Spilled or discarded material may be a regulated waste. Refer to state and local regulations. If other material was used during cleanup efforts the resultant mixture may be regulated. Department of Transportation regulations may apply for transporting of this material. Contact Universal Lubricants regarding proper recycling and disposal methods.

14. TRANSPORT INFORMATION

UN number:	Not dangerous/hazardous goods
UN proper shipping name:	Not dangerous/hazardous goods
Transport hazard class:	Not dangerous/hazardous goods
Packing group:	Not dangerous/hazardous goods
Environmental hazards:	Not dangerous/hazardous goods
U.S. DOT Road/Rail/Waterways:	Not dangerous/hazardous goods
Transport Canada Road/Rail/Waterways:	Not dangerous/hazardous goods
International Maritime Dangerous Goods:	Not dangerous/hazardous goods

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS All components listed

DSL All components listed

TSCA All components listed

SARA Hazard Categories (311/312)

This product poses health hazards as defined in 40 CFR 370 and is required to the requirements of SARA 311 and 312: Immediate (Acute) Health Hazard

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This product is not for sale or use in the state of California

NFPA Hazard Classification

Health: 1
Flammability: 0
Reactivity: 0

HMIS Classification

Health: 1
Flammability: 0
Physical Hazards: 0
Personal Protection: B



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate. However, neither Universal Lubricants, LLC nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information provided 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 hazards which exist.