

Issue Date: 04-Jan-2019

Revision Date: 11-Aug-2023

Version 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 28 AIR LOCK

Other means of identification

SDS # UNITED-28

Recommended use of the chemical and restrictions on use

Recommended Use Urinal and Drain Treatment.

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Opaque light blue liquid

Physical State Liquid

Odor Cucumber melon

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes. If irritation persists, call a physician or poison center.

Skin Contact Wash with soap and plenty of water.

Inhalation Remove to fresh air. If symptoms persist, call a physician.

Ingestion Give one or two glasses of water to drink. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If gastrointestinal symptoms develop, get medical attention.

Most important symptoms and effects

Symptoms May cause slight eye irritation. Vapors or mists of this product may irritate mucous membranes and cause irritation, dizziness and nausea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, dry foam, carbon dioxide, water.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Rags soaked with any solvent or oily material present a fire hazard and should always be stored in a "UL" listed or "Factory Mutual" approved container. Improperly stored rags can create conditions that lead to oxidation that may lead to spontaneous combustion.

Hazardous Combustion Products When strongly heated, as in a fire, this product may produce oxides of carbon, along with thick smoke.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray or mist gently; heavy application of hot oil could cause foaming. Avoid contact with hot oil.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Small spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. This product may cause slippery conditions. Large spills: Dike ahead of liquid spill; absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. This product may cause slippery conditions; Rinse thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep this product in a properly labeled, tightly closed container. Store in a dry, well-ventilated area. Do not handle or store near any sources of ignition. Store away from incompatible materials.

Incompatible Materials Strong oxidizing agents – such as bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Use general ventilation. Local exhaust is recommended when handling in enclosed/tight spaces.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses or safety goggles are recommended if splashing is possible.

Skin and Body Protection Impervious gloves are recommended. Wear suitable protective clothing.

Respiratory Protection Normally not required. If adequate ventilation is unavailable use NIOSH approved air-purifying respirator with organic vapors cartridge or canister.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Cucumber melon
Appearance	Opaque light blue liquid	Odor Threshold	Not determined
Color	Green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not available	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	>302 °C / >575 °F	
Flash Point	>260 °C / >500 °F	
Flammability (Solid, Gas)	Not available	
Upper Flammability Limits	Liquid-Not applicable	
Lower Flammability Limit	Not determined	
Vapor Pressure	<1 mmHg	@20°C (68°F)
Vapor Density	>1	(Air=1)
Specific Gravity	0.91	(Water = 1)
Water Solubility	Not soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	None	

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Incompatible Materials: Heat, flames and sparks.

Incompatible Materials

Strong oxidizing agents – such as bleach.

Hazardous Decomposition Products

When strongly heated, as in a fire, this product may produce oxides of carbon, along with thick smoke.

11. TOXICOLOGICAL INFORMATION

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

Avoid contact with eyes.

Skin Contact

Avoid contact with skin. No known effect based on information supplied.

Inhalation

Under normal conditions of intended use this material is not expected to be an inhalation hazard.

Ingestion

Do not ingest.

Component Information

Not Available.

Information on physical, chemical and toxicological effects**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not determined

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION**DOT** Not regulated**IATA** Not regulated**IMDG** Not regulated**15. REGULATORY INFORMATION****International Inventories**

All ingredients are listed or exempt from listing on Chemical Substance Inventory

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as 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).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 1	Physical Hazards 0	Personal Protection B

Issue Date: 04-Jan-2019
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 Revision Note: Date change only

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

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name U28 Air Lock Sun-Kissed Orange

Other means of identification

SDS # UNITED-28-O

Recommended use of the chemical and restrictions on use

Recommended Use Urinal and Drain Treatment.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency telephone number

Company Phone Number 800-323-2594 (to reorder)
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1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Opaque light blue liquid **Physical state** Liquid **Odor** Orange

Classification

Skin sensitization	Category 1
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Signal Word

Warning

Hazard statements

May cause an allergic skin reaction.



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace.

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Canola Oil	120962-03-0	80-90
Soy methyl ester	67784-80-9	1-10
Citral	5392-40-5	0.1-1
Vanillin	121-33-5	0.1-1
Diphenyl Oxide	101-84-8	0.1-1
Benzyl Acetate	140-11-4	0.1-1
1-octanol	111-87-5	0.1-1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Flush with plenty of water for at least 15 minutes. If irritation persists, call a physician or poison center.
Skin Contact	Wash with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Give one or two glasses of water to drink. Do not induce vomiting. If gastrointestinal symptoms develop, get medical attention. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause an allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, dry foam, carbon dioxide, water.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Rags soaked with any solvent or oily material present a fire hazard and should always be stored in a "UL" listed or "Factory Mutual" approved container. Improperly stored rags can create conditions that lead to oxidation that may lead to spontaneous combustion.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Apply water fog or mist gently; heavy application of hot oil could cause foaming. Avoid contact with hot oil.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Use personal protective equipment as required.
- For Emergency Responders** Follow all fire fighting procedures in Section 5. Use personal protection recommended in Section 8.

Environmental precautions

- Environmental precautions** See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up** Small spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. This product may cause slippery conditions. Large spills: Dike ahead of liquid spill; absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. This product may cause slippery conditions; Rinse thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

- Storage Conditions** Keep this product in a properly labeled, tightly closed container. Store in a dry, well-ventilated area. Do not handle or store near any sources of ignition. Store away from incompatible materials.
- Incompatible Materials** Strong oxidizing agents. Alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Citral 5392-40-5	dermal sensitizer TWA: 5 ppm inhalable fraction and vapor S*	-	-
Benzyl Acetate 140-11-4	TWA: 10 ppm	-	-
Diphenyl Oxide 101-84-8	STEL: 2 ppm vapor fraction TWA: 1 ppm vapor	TWA: 1 ppm vapor TWA: 7 mg/m ³ vapor (vacated) TWA: 1 ppm vapor (vacated) TWA: 7 mg/m ³ vapor	IDLH: 100 ppm vapor TWA: 1 ppm vapor TWA: 7 mg/m ³ vapor

Appropriate engineering controls

- Engineering Controls** Use general ventilation. Local exhaust is recommended when handling in enclosed/tight spaces.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Safety glasses or chemical goggles are recommended if splashing is possible. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection	Impervious gloves are recommended. Wear suitable protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	Normally not required. If adequate ventilation is unavailable, use NIOSH approved air-purifying respirator with organic vapors cartridge or canister. Refer to 29 CFR 1910.134 for respiratory protection requirements.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Orange
Appearance	Opaque light blue liquid	Odor Threshold	Not determined
Color	Light blue		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not available		
Melting point / freezing point	No data available		
Initial boiling point and boiling range	>302°C / >575°F		
Flash point	>260°C / >500°F		
Evaporation Rate	Not available		
Flammability (Solid, Gas)	Liquid-Not applicable		
Flammability Limit in Air			
Upper flammability or explosive limits	No data available		
Lower flammability or explosive limits	No data available		
Vapor Pressure	<1 mmHg		
Vapor Density	>1	.? (air = 1)	
Relative Density	0.91		
Water Solubility	Moderate		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	No data available		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Incompatible Materials. Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents. Alkalis.

Hazardous decomposition products

When strongly heated, as in a fire, this product may produce oxides of carbon, along with thick smoke.

11. TOXICOLOGICAL INFORMATION

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

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Citral 5392-40-5	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-
Vanillin 121-33-5	= 1580 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	-
Benzyl Acetate 140-11-4	= 2490 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Diphenyl Oxide 101-84-8	= 2450 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	-
1-octanol 111-87-5	> 3200 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause an allergic skin reaction.

Carcinogenicity Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Benzyl Acetate 140-11-4		Group 3		

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Not determined.

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Citral 5392-40-5	2.76
Vanillin 121-33-5	1.23
Diphenyl Oxide 101-84-8	4.21
Benzyl Acetate 140-11-4	1.96
1-octanol 111-87-5	3.5

Other adverse effects

Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECI	PICCS	AIC
Canola Oil	X	ACTIVE	X			X	X		
Soy methyl ester	X	ACTIVE	X	X		X	X		X
All other ingredients listed	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECI - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as 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).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Benzyl Acetate 140-11-4	X		
Diphenyl Oxide 101-84-8	X	X	X
1-octanol 111-87-5			X

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	Flammability	Instability	Special hazards
	-	-	-	-
<u>HMIS</u>	Health hazards	Flammability	Physical hazards	Personal Protection
	1	1	0	B

Issue Date: 15-Nov-2024
 Revision Date: 15-Nov-2024
 Revision Note: New format

Disclaimer

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End of Safety Data Sheet