



Safety Data Sheet

Issue Date: 11-Jun-2013

Revision Date: 28-May-2015

Version 2

1. IDENTIFICATION

Product Identifier

Product Name United 428 SHEENEX

Other means of identification

SDS # UNITED-428

Recommended use of the chemical and restrictions on use

Recommended Use METAL POLISHING SCRUBS

Uses Advised Against For institutional and industrial 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
www.unitedlabsinc.ca

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 White

Physical State Liquid

Odor Ammonia

Classifications

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012.

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritant	Category 2A
Skin Sensitization	Category 1
Aspiration Toxicity	Category 1

Signal Word Danger

Hazard Statements

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May be fatal if swallowed and entered airways.



Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Avoid breathing dust/fume/gas/mist/vapors/sprays.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.

General Advice

None

Eyes

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.

Skin

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

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 Do NOT induce vomiting.

Storage

Store according to local rules and regulations.

Disposal

Dispose of contents/container to approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Isoparaffinic Hydrocarbon	64742-47-8	10-30
Aluminum oxide	1344-28-1	10-30
Naphtha(petroleum), hydrotreated heavy	64742-48-9	1-5
Ammonia	7664-41-7	1-5
Sulfamic acid	5329-14-6	1-5
Hexahydro- 1,3,5-tris(2-hydroxyethyl)-S-triazine	4719-04-4	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

First Aid Measures

Eye Contact	Rinse Immediately rinse with plenty of water, also under eyelids, for at least 15 minutes. If irritation persists, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Not an expected route of exposure. If swallowed: clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Aspiration hazard if swallowed – can enter lungs and cause damage.

Most important symptoms and effects

No Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Carbon dioxide (CO₂). Dry chemical. Water fog. Foam.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

No information available.

Hazardous Combustion Products Carbon oxides. Hydrogen. Ammonia. Amines. Nitrogen Oxides (NO_x). Sulfur oxides. Soot.

Protective equipment and precautions for firefighters

Use water spray to cool surrounding containers. Wear self contained breathing apparatus for firefighting if necessary.

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

Personal Precautions	Use personal protective equipment as required.
Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. 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: Wipe up with absorbent material. Large spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place in container for later disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Wear protective gloves/protective clothing and eye/face protection. After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes. Avoid contact with skin, eyes, and clothing. Do not smoke.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in cool/ well-ventilated place. Keep out of the reach of children. Keep container closed when not in use. Keep away from heat and sources of ignition. Do not contaminate food or feed stuffs.

Incompatible Materials

Strong oxidizing agents. Strong acids. Halogens. Fluorine. Bleaching agents. Iodine. Amphoteric metals. Dimethyl sulfate.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum oxide 1344-28-1	TWA: 1mg/m ³ respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	
Ammonia 7664-41-7	STEL: 35 ppm TWA: 25 ppm	TWA: 50 ppm TWA: 35mg/m ³ (vacated)STEL: 35 ppm (vacated) STEL: 27 mg/m ³	IDLH: 300 ppm TWA: 18 mg/m ³ TWA: 25 ppm STEL: 27 mg/m ³ STEL: 35 ppm
Tall oil fatty acids 61790-12-3	5 mg/m ³ (resp) 10 mg/m ³ STEL (resp)	5 mg/m ³ (resp)	

Appropriate engineering controls

Engineering Controls

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses with side shields or safety goggles are recommended.

Skin and Body Protection

No protective equipment is needed under normal conditions.

Respiratory Protection

Normally not required. IF TLV is exceeded, use a NIOSH/MSHA approved respirator.

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
Appearance
Color

Liquid
White liquid
White

Odor
Odor Threshold

Ammonia
Not determined

Property
pH

Values
9.0

Remarks • Method

Melting Point/Freezing Point

Not determined

Boiling Point/Boiling Range	212°F	
Flash Point	None to boiling	Pensky-Martens Closed Cup (PMCC)
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid-Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	>1	
Specific Gravity	1.091	
Water Solubility	Slightly soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	400 cps	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	3%	

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children. Incompatible products.

Incompatible Materials

Strong oxidizing agents such as bleach. Strong acids. Halogens. Fluorine. Iodine. Amphoteric metals. Dimethyl sulfate.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NO_x). Hydrogen. Sulfur oxides. Soot. Ammonia. Amines.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes. May cause irritation.
Skin Contact	Avoid contact with skin. Causes eye irritation.
Inhalation	Do not inhale. May cause irritation of respiratory tract.
Ingestion	Not an expected route of exposure. Potential for aspiration if swallowed. May be fatal if swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isoparaffinic hydrocarbon	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4h
Aluminum oxide	> 5000 mg/kg (Rat)	-	-

Naphtha (petroleum), Hydrotreated heavy	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	-
Ammonia	=350 mg/kg (Rat)	-	= 5.1 mg/L (Rat) 1 h = 2000 ppm (Rat) 4 h
Sulfamic acid	= 1450 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms No information available.

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

The following values are calculated based on the chapter 3.1 of the GHS document:

LD50 Oral 8691 mg/kg; acute toxicity estimate

Inhalation dust/mist 14.3 mg/L; acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Persistence/Degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Log Pow
Ammonia	-1.14

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). 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

Legend:

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

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

US Federal Regulations

Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act of Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 – Threshold Values %
Ammonia	7664-41-7	1-5	1.0

SARA 311/313 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQ	Reportable Quantity (RQ)
Ammonia	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonia	100 lb			X

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	Illinois	Rhode Island
Aluminum Oxide	X	X	X		X
Ammonia	X	X	X		X
Sulfamic Acid	X				

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	2	0	0	-
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	B

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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