

Issue Date: 23-Apr-2013

Revision Date: 10-Nov-2015

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 629 GRUNGE GRIPPERS

Other means of identification

SDS # UNITED-629

Recommended use of the chemical and restrictions on use

Recommended Use Heavy Duty Hand Cleaner Wipes.

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
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 Water white liquid saturated on towelettes **Physical State** Liquid absorbed onto a towelette **Odor** Orange

Classification

Flammable Liquids	Category 3
Skin Sensitization	Category 1
Carcinogenicity	Category 2
Hazardous to the aquatic environment, acute hazard	Category 2
Hazardous to the aquatic environment, long-term hazard	Category 2

Signal Word

Warning



Hazard Statements

Flammable liquid and vapor. May cause an allergic skin reaction. Suspected of causing cancer. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Precautionary statements**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilation/lighting equipment. Use only non-sparking tools. Take precautionary measure against static discharge. Avoid breathing mist or vapor. Contaminated work clothing must be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal

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

Hazard(s) not otherwise classified (HNOC)

None known

Supplemental information

10.86% of the mixture consists of components of unknown acute hazards to the aquatic environment. 10.91% of the mixture consists of components of unknown long-term hazards to the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight-%
Trade Secret	Proprietary*	4
Trade Secret	Proprietary *	0.49
Trade Secret	Proprietary *	0.14
Trade Secret	Proprietary*	0.1
Trade Secret	Proprietary*	0.05
Other components below reportable levels	-	95.22

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	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: seek medical attention and take along these instructions.
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects

Symptoms	Direct contact with eyes may cause temporary irritation. May cause an allergic skin reaction. Dermatitis. Rash.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General Information	Take off contaminated clothing immediately. If exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media Do not use water jet as an extinguisher, as this will spread fire.

Specific Hazards Arising from the Chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus and full protective clothing must be worn in case of fire. In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

Flammable liquid and vapor.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from an upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and material for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large spills: stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of the environmental releases.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use no-sparking tools and explosion-proof equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible material (see section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No exposure limits noted for ingredient(s)

Chemical	ACGIH	OSHA	NIOSH	WEEL*
Trade Secret	Ceiling: 0.05 ppm STEL: 400 ppm TWA: 1 mg/m ³ TWA: 200 ppm (inhalable fraction & vapor)	PEL: 980 mg/m ³ PEL: 400 ppm	Ceiling: 0.8 mg/m ³ / 0.2 ppm STEL: 1225 mg/m ³ /500ppm TWA: 980 mg/m ³ TWA: 15 mg/m ³ TWA: 400 ppm TWA: 3 ppm	TWA: 10 mg/m ³ (Aerosol)

*WEEL-US Workplace Environmental Exposure Level Guide

Biological limit values

ACGIH – Trade Secret – Value: 40 mg/l – Determinant: Acetone – Specimen: Urine – Sampling Time: See source document
 US-California OELs: Skin designation: Trade Secret (CAS Proprietary)-can be absorbed through the skin.
 US-ACGIH Threshold limit values: Skin designation: Trade Secret (CAS Proprietary)-can be absorbed through the skin.

Appropriate engineering controls

Engineering Controls Explosion-proof general and local exhaust ventilation. 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

Eye/Face Protection Chemical respirator with organic vapor cartridge and full face piece.

Skin and Body Protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Wear appropriate thermal protective clothing, when necessary.

Respiratory Protection Chemical respirator with organic vapor cartridge and full face piece.

General Hygiene Considerations When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid absorbed onto a towelette	Odor	Citrus
Appearance	Milky liquid saturated on towelettes		
Color	Water white		

Property	Values	Remarks • Method
pH	6-6.5	
Melting Point/Freezing Point	61.88°F (16.6 °C) estimated/999 °F (537.22 °C)	
Boiling Point/Boiling Range	215.24°F(101.8°C) estimated	
Flash Point	127.0°F (52.8°C)	
Evaporation Rate	No information available	
Density	9.64 lbs/gal estimated	
Flammability (Solid, Gas)	No information available	
Upper Flammability Limits	12.3% estimated	
Lower Flammability Limit	2.5% estimated	
Flammability class	Combustible IIIA estimated	
Vapor Pressure	0.1 hPa estimated	
Vapor Density	No information available	
Specific Gravity	1.15 estimated	
Water Solubility	No information available	
Solubility in other solvents	No information available	
Partition Coefficient	No information available	
Auto-ignition Temperature	1256.48°F (680.27°C) estimated	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	Not explosive	
Oxidizing Properties	Not oxidizing	

Percent volatile 84.84% estimated
VOC Content 0.24% estimated

10. STABILITY AND REACTIVITY

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability

Material is stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Direct contact with eyes may cause temporary irritation.

Skin Contact May cause an allergic skin reaction.

Inhalation Prolonged inhalation may be harmful.

Ingestion Expected to be a low ingestion hazard.

Information on toxicological effects

Acute Toxicity May cause an allergic skin reaction.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	18 g/kg 5.03 g/kg (Rabbit)	129000 mg/kg 2560 mg/kg 11.9 ml/kg (Rabbit)	24 mg/l, 4 hours (Rat)

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/irritation	Direct contact with eyes may cause temporary irritation.
ACGIH sensitization	Trade Secret – sensitizer.
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive toxicity	This product not expected to cause reproductive or developmental effects.
STOT-single/repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.

Information on physical, chemical and toxicological effects

Symptoms May cause an allergic skin reaction. Dermatitis. Rash.

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

Carcinogenicity Suspected of causing cancer.
IARC Monographs, Overall Evaluation of Carcinogenicity: Trade Secret (CAS Proprietary) 2B possibly carcinogenic to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence/Degradability

No data is available on the degradability of this product.

Bioaccumulation

Partition potential –partition coefficient n-octanol/water (log Kow): Trade Secret - 0.05 / -0.92 / -1.43

Mobility

No information available.

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 and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal 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.

Waste from residues/unused products Dispose of 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 of Wastes).

Contaminated Packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Notes: According to 49 CFR 173.150(f) (1) this material should be reclassified as NA 1993, combustible Liquid, N.O.S. if it is shipped in bulk.

DOT Not regulated.

IATA Not regulated

IMDG Regulated Marine Pollutant

15. REGULATORY INFORMATION

International Inventories

Not Listed.

US Federal Regulations

This product is a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12 (b) Export Notification (40 CFR 707, Subpt. D) – Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) – Trade Secret (CAS Proprietary)-Listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) – Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard – Yes
 Delayed Hazard – Yes
 Fire Hazard – Yes
 Pressure Hazard – No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

No.

SARA 304 Emergency release notification
 Not regulated.

SARA 311/312 Hazardous chemical

No.

SARA 313

Not regulated.

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List – Trade Secret (CAS Proprietary)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) – Not regulated.

Safe Drinking Water Act (SDWA) – Not regulated

US State Regulations

US California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100). Not Listed.

US California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs. tit.22, 69502.3, subd. (a)).

California Proposition 65 - / CRT: Listed/Carcinogenic substance

WARNING: This product contains a chemical known to the State of California to cause cancer. Trade Secret (CAS Proprietary) – Listed.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
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Trade Secret (CAS Proprietary)	X	X	X
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16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Reactivity	Special Hazards
	2	3	0	None
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2*	3	0	G

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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