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Version 4

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 towelette

Physical State Liquid absorbed onto a towelette

Odor Orange

Classification

| | |
|-----------------------|------------|
| Acute Toxicity - oral | Category 4 |
| Eye Irritation | Category 2 |
| Skin Irritant | Category 2 |

Signal Word

Warning



Hazard Statements

Harmful if swallowed. Causes serious eye irritation. Causes skin irritation.

Precautionary Statements**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Avoid breathing mist or vapor. Avoid release to the environment.

Response

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. If on skin (or hair): Wash with soap and water. If skin irritation persists, get medical advice/attention.

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

| Chemical Name | CAS No | Weight-% |
|---------------|---------------|----------|
| Trade Secret | Proprietary* | 20 |
| Trade Secret | Proprietary* | 2 |
| Trade Secret | Proprietary * | 1.2 |
| Trade Secret | Proprietary* | 0.2 |
| Trade Secret | Proprietary* | 0.44 |

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 | Wash with soap and water. If skin irritation occurs: Get medical advice. Remove contaminated clothing and shoes and clean before reuse. |
| Inhalation | Move to fresh air. Call a physician if symptoms develop or persist. |
| Ingestion | Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur. |

Most important symptoms and effects

Symptoms Direct contact may cause serious eye irritation. May cause skin irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media Vapors/dust may form explosive mixture with air. During fire, gases hazardous to health may be formed.

Specific Hazards Arising from the Chemical

Vapors may form explosive mixtures with air. During fire, gases hazardous to health may be formed.

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 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. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Specific methods

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

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

Methods of Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Avoid contact with eyes. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. Protect from freezing. Keep out of reach of children

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No exposure limits noted for ingredient(s)

| Chemical | ACGIH TLV-WA | OSHA | NIOSH |
|---------------------|--------------|------|-------|
| 2-(2-butoxy)ethanol | TWA: 10 ppm | - | - |

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 Avoid contact with eyes.

Skin and Body Protection None required under normal use.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

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 | Orange |
| Appearance | Water white liquid saturated on towelettes | | |
| Color | Water white | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------------------|--------------------------|-------------------------|
| pH | 7-8 | |
| Melting Point/Freezing Point | No information available | |
| Boiling Point/Boiling Range | No information available | |
| Flash Point | 204°F | |
| Evaporation Rate | No information available | |
| Density | 8.26 lbs/gal estimated | |
| Flammability (Solid, Gas) | No information available | |
| Upper Flammability Limits | No information available | |
| Lower Flammability Limit | No information available | |
| Flammability class | No information available | |
| Vapor Pressure | No information available | |
| Vapor Density | No information available | |
| Specific Gravity | No information available | |
| Water Solubility | No information available | |
| Solubility in other solvents | No information available | |
| Partition Coefficient | No information available | |
| Auto-ignition Temperature | No information available | |
| Decomposition Temperature | No information available | |
| Dynamic Viscosity | No information available | |
| Explosive Properties | No information available | |
| Oxidizing Properties | No information available | |
| Percent volatile | No information available | |
| VOC Content | 0.5% 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 severe irritation. May cause tearing, redness and discomfort.

Skin Contact May cause an allergic skin reaction.

Inhalation Prolonged inhalation may be harmful.

Ingestion May cause gastrointestinal tract irritation. Overexposure may cause nausea, diarrhea, and/or vomiting.

Information on toxicological effects

Acute Toxicity May cause an allergic skin reaction.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------|-------------|-----------------|
| DMDM Hydantoin 6440-58-0 | 2 g/kg (Rat) | - | - |
| 2-(2-butoxyethoxy) ethanol 112-34-5 | >1746 | >2000 | >699.2 |

| | |
|-------------------------------|--|
| Skin corrosion/irritation | May cause skin irritation. |
| Serious eye damage/irritation | May cause serious eye irritation. |
| ACGIH sensitization | Not an ACGIH sensitizer. |
| Respiratory sensitization | Not a respiratory sensitizer. |
| Skin sensitization | May cause skin irritation. |
| 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 irritation to skin.

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

No information available.

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 | Always dispose of any waste in accordance with all local, state, and federal regulations. |
| Local disposal | Dispose in accordance with all local, state, and federal regulations. |
| 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

| | |
|--------------------|--|
| <u>DOT</u> | Not regulated. |
| <u>IATA</u> | Pease contact manufacturer for most current information. |
| <u>IMDG</u> | Not regulated. |

15. REGULATORY INFORMATION**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) – Not regulated.

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



GHS Symbol Harmful if swallowed. Causes serious eye irritation. Causes skin irritation.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard – Yes
 Delayed Hazard – Yes
 Fire Hazard – No
 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

This product contains the following substances subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. 2-(2-butoxyethoxy)ethanol, CAS No. 112-34-5.

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List – Not regulated.
 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) – Not regulated.

16. OTHER INFORMATION

| | | | | |
|-------------|-----------------------|---------------------|-------------------------|----------------------------|
| NFPA | Health Hazards | Flammability | Reactivity | Special Hazards |
| | 2 | 1 | 0 | None |
| HMIS | Health Hazards | Flammability | Physical Hazards | Personal Protection |
| | 2 | 1 | 0 | None |

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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