1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**
**Product Name** United 492 BLACK GOLD

**Other means of identification**
**SDS #** UNITED-492
**UN/ID No.** UN3266

**Recommended use of the chemical and restrictions on use**
**Recommended Use** Industrial, solvent-free, low VOC degreaser.
**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** Yellow liquid
**Physical state** Liquid
**Odor** Citrus odor

**Classification**
<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Category 1 Sub-category B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

**Hazards Not Otherwise Classified (HNOC)**
May be harmful if swallowed.

**Signal Word**
**Danger**

**Hazard statements**
Causes severe skin burns and eye damage. May be harmful if swallowed.
Precautionary Statements - Prevention
Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements - Response
Immediately call a poison center or doctor/physician. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. If on skin (or hair): Remove /Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If swallowed: Rinse mouth. Do not induce vomiting.

Precautionary Statements - Storage
Store according to local, regional, national, and international rules and regulations.

Precautionary Statements - Disposal
Dispose of contents/container according to local, regional, national and international rules and regulations.

Other hazards
Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>5-10</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Proprietary</td>
<td>1-5</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834-92-0</td>
<td>1-5</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

**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

- **General Advice**: Immediately call a poison center or doctor/physician.
- **Eye Contact**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- **Skin Contact**: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- **Inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- **Ingestion**: Rinse mouth. Do not induce vomiting.
Most important symptoms and effects

Symptoms May be harmful if swallowed. Causes severe skin burns and eye damage.

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 spray (fog). Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical None known.

Hazardous Combustion Products When strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide and oxides of potassium.

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.

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: Spills of up to one gallon may be diluted with plenty of water and flushed to the nearest sewer. Large spills: Dike and collect with suitable absorbent. Place in corrosion resistant container for proper disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. Contaminated work clothing must not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in a properly labeled, tightly closed container. Store in a cool, dry and well-ventilated area, away from sources of ignition and incompatible materials.

Incompatible Materials Do not mix with other cleaning chemicals, especially acids or strong oxidizers (like bleach).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
### Appropriate engineering controls

**Engineering Controls**
Maintain good ventilation and local exhaust is generally adequate. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**
Wear chemical safety goggles.

**Skin and Body Protection**
Wear chemical resistant gloves.

**Respiratory Protection**
Not normally required if good ventilation is maintained. 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Yellow liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus odor</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>&gt;100 °C / &gt;212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;100 °C / &gt;212 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>~1</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid-Not applicable</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.08</td>
<td>(Water = 1)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>.10 pounds per gallon of product</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

Incompatible Materials
Do not mix with other cleaning chemicals, especially acids or strong oxidizers (like bleach).

Hazardous Decomposition Products
When strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide and oxides of potassium.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes severe eye damage. Can cause severe irritation, burns and destruction of tissue. May cause permanent damage and blindness.

Skin Contact Causes severe skin burns. A latent period may exist between exposure and sense of irritation.

Inhalation Do not inhale. Vapors or mist may cause damage to the upper respiratory tract and lung tissue.

Ingestion May be harmful if swallowed. Can cause very serious damage to the mouth, esophagus, stomach and other contacted tissues and may be fatal.

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

Sensitization None known.

Carcinogenicity None known.

Numerical measures of toxicity

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

ATEmix (oral) 3,783.00 mg/kg
ATEmix (dermal) 43,522.00 mg/kg

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.

California Hazardous Waste Status

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Toxic</td>
</tr>
<tr>
<td>1310-58-3</td>
<td>Corrosive</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Toxic</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Per DOT shipping in single gallons: Consumer Commodity ORM-D.

DOT

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium metasilicate)

Hazard Class: 8

Packing Group: II

IATA

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium metasilicate)

Hazard Class: 8

Packing Group: II

IMDG

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium metasilicate)

Hazard Class: 8

Packing Group: II

Marine Pollutant: No

15. REGULATORY INFORMATION

International Inventories

Legend:

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

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

US Federal Regulations

CERCLA
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

**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)**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1000 lb</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Proprietary</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

### 16. OTHER INFORMATION

**NFPA**
- Health Hazards: Not determined
- Flammability: Not determined
- Instability: Not determined
- Special Hazards: Not determined

**HMIS**
- Health Hazards: 3
- Flammability: 0
- Physical hazards: 0
- Personal Protection: N+P

**Issue Date:** 11-Apr-2016
**Revision Date:** 03-Oct-2018
**Revision Note:** Revised

**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 a 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