1. PRODUCT AND COMPANY IDENTIFICATION

GREAT VALUE

Product Name
GV LDU Formula 12092

Recommended Use
Detergent.

Supplier Address
Sun Products Corporation
3540 W. 1987 S., Salt Lake City, Utah, 84104
US
Phone: 800-776-6702
Contact: Michelle Maakestad
Contact Phone: 800-723-1164
Emergency Phone: 801-975-3194

Distributor
Wal-Mart Stores Incorporated
Bentonville, AR USA 72716

Company Emergency Phone Number
801-975-3194

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview
May cause skin and eye irritation

Appearance
No information available
Physical State
Liquid.
Odor
Pleasant

Potential Health Effects

Principle Routes of Exposure
Skin contact. Eye contact.

Acute Toxicity

Eyes
May cause irritation.

Skin
Repeated exposure may cause skin dryness or cracking.

Inhalation
Not an expected route of exposure.

Ingestion
Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects
Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage.

Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Aggravated Medical Conditions
None known.

Interactions with Other Chemicals
Use of alcoholic beverages may enhance toxic effects.

Environmental Hazard
See Section 12 for additional Ecological Information.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>30-60</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>68551-12-2</td>
<td>15-40</td>
</tr>
<tr>
<td>Urea</td>
<td>57-13-6</td>
<td>10-30</td>
</tr>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>25155-30-0</td>
<td>10-30</td>
</tr>
<tr>
<td>Hexadecanoic acid, 2-sulfo-, 1-methyl ester, sodium salt</td>
<td>4016-24-4</td>
<td>5-10</td>
</tr>
<tr>
<td>Lauramine oxide</td>
<td>1643-20-5</td>
<td>3-7</td>
</tr>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>64-17-5</td>
<td>3-7</td>
</tr>
<tr>
<td>Magnesium chloride</td>
<td>7786-30-3</td>
<td>3-7</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td>7681-57-4</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>143-22-6</td>
<td>&lt; 0.1</td>
</tr>
<tr>
<td>Magnesium nitrate</td>
<td>10377-60-3</td>
<td>&lt; 0.1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye Contact  Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact  Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

Inhalation  Move to fresh air in case of accidental inhalation of vapors or decomposition products. If symptoms persist, call a physician.

Ingestion  Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

Notes to Physician  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties  Not flammable.

Flash Point  Not applicable.

Suitable Extinguishing Media  Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous Combustion Products  Carbon oxides.

Explosion Data

<table>
<thead>
<tr>
<th>Sensitivity to Mechanical Impact</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity to Static Discharge</td>
<td>No.</td>
</tr>
</tbody>
</table>

Specific Hazards Arising from the Chemical

In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating gases and vapors.

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.

NFPA  Health Hazard 1  Flammability 0  Stability 0  Physical and Chemical Hazards N/A
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Avoid contact with skin, eyes and clothing.

Environmental Precautions
Refer to protective measures listed in Sections 7 and 8.

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

Methods for Cleaning Up
Use personal protective equipment. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

Storage
Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD Alcohol 40 (190 Proof) 64-17-5</td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm, TWA: 1900 mg/m³, (vacated) TWA: 1000 ppm, (vacated) 1900 mg/m³</td>
<td>IDLH: 3300 ppm 10% LEL, TWA: 1000 ppm, TWA: 1900 mg/m³</td>
</tr>
<tr>
<td>Sodium hydroxide 1310-73-2</td>
<td>Ceiling: 2 mg/m³</td>
<td>TWA: 2 mg/m³, (vacated) Ceiling: 2 mg/m³</td>
<td>IDLH: 10 mg/m³, Ceiling: 2 mg/m³</td>
</tr>
<tr>
<td>Sodium metabisulfite 7681-57-4</td>
<td>TWA: 5 mg/m³</td>
<td>(vacated) TWA: 5 mg/m³</td>
<td>N/A</td>
</tr>
</tbody>
</table>

NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin and Body Protection
Protective gloves.

Respiratory Protection
No protective equipment is needed under normal use conditions.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.
9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance**: No information available.
- **Odor Threshold**: No information available.
- **pH**: 7
- **Flash Point**: Not applicable.
- **Decomposition Temperature**: No information available.
- **Melting Point/Range**: No information available.
- **Flammability Limits in Air**: No information available.
- **Water Solubility**: Soluble in water.
- **Evaporation Rate**: No information available.
- **Vapor Density**: No data available.
- **Partition Coefficient: n-octanol/water**: No information available.

- **Odor**: Pleasant.
- **Physical State**: Liquid.
- **Autoignition Temperature**: No information available.
- **Boiling Point/Range**: No information available.
- **Explosion Limits**: No information available.
- **Solubility**: No information available.
- **Vapor Pressure**: No data available.
- **VOC Content (%)**: 16.5

10. STABILITY AND REACTIVITY

- **Stability**: Stable under recommended storage conditions.
- **Incompatible Products**: Strong oxidizing agents.
- **Conditions to Avoid**: None known.
- **Hazardous Decomposition Products**: Carbon oxides.
- **Hazardous Polymerization**: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

**Acute Toxicity**

**Product Information**

**Irritation**: May cause skin and eye irritation.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (Rat)</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>438 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>7060 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Magnesium chloride</td>
<td>2800 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>-</td>
<td>1500 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td>1131 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Chronic Toxicity**

**Ethanol**: Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage.

**Carcinogenicity**: Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

**The table below indicates whether each agency has listed any ingredient as a carcinogen.**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>A3</td>
<td>Group 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>LC50: 16200-18300 mg/L Poecilia reticulata 96 h</td>
<td>EC50: 23914 mg/L 5 min EC50: &gt;10000 mg/L Daphnia magna Straus 24 h</td>
<td>EC50: 3910 mg/L Daphnia magna 48 h Static</td>
<td></td>
</tr>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>LC50: 10.8 mg/L Oncorhynchus mykiss 96 h  static</td>
<td>EC50: 23914 mg/L 5 min EC50: &gt;10000 mg/L Daphnia magna Straus 24 h</td>
<td>EC50: 3910 mg/L Daphnia magna 48 h Static</td>
<td></td>
</tr>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>LC50: 12.0-16.0 ml/L Oncorhynchus mykiss 96 h  static</td>
<td>EC50: 23914 mg/L 5 min EC50: &gt;10000 mg/L Daphnia magna Straus 24 h</td>
<td>EC50: 3910 mg/L Daphnia magna 48 h Static</td>
<td></td>
</tr>
<tr>
<td>Magnesium chloride</td>
<td>EC50: 2200 mg/L Desmodesmus subspicatus 72 h</td>
<td>LC50: 4210 mg/L Gambusia affinis 96 h  static</td>
<td>EC50 = 26140 mg/L 1 h EC50 = 36300 mg/L 30 min EC50 = 77200 mg/L 24 h</td>
<td>EC50: 1400 mg/L Daphnia magna 24 h EC50: 140 mg/L Daphnia magna 48 h Static</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>LC50: 45.4 mg/L Oncorhynchus mykiss 96 h  static</td>
<td>EC50 = 26140 mg/L 1 h EC50 = 36300 mg/L 30 min EC50 = 77200 mg/L 24 h</td>
<td>EC50: 1400 mg/L Daphnia magna 24 h EC50: 140 mg/L Daphnia magna 48 h Static</td>
<td></td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td>EC50: 48 mg/L Desmodesmus subspicatus 72 h EC50: 40 mg/L Desmodesmus subspicatus 96 h</td>
<td>LC50: 32 mg/L Lepomis macrochirus 96 h  static</td>
<td>EC50 = 56 mg/L 17 h EC50: 89 mg/L Daphnia magna Straus 24 h</td>
<td></td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>EC50: &gt;500 mg/L Desmodesmus subspicatus 72 h</td>
<td>LC50: 2200-4600 mg/L Leuciscus idus 96 h  static</td>
<td>EC50: &gt;500 mg/L Daphnia magna 48 h</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>-1.59</td>
</tr>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>-0.32</td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td>-3.7</td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>0.51</td>
</tr>
</tbody>
</table>
13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods**
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**
Dispose of in accordance with local regulations.

**California Hazardous Waste Codes** 561
This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>Toxic</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>Toxic, Corrosive</td>
</tr>
<tr>
<td>Magnesium nitrate</td>
<td>Ignitable, Reactive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

**DOT**
Not regulated

**TDG**
Not regulated

**MEX**
Not regulated

**ICAO**
Not regulated

**IATA**
Not regulated

**IMDG/IMO**
Not regulated

**RID**
Not regulated

**ADR**
Not regulated

**ADN**
Not regulated
15. REGULATORY INFORMATION

International Inventories

TSCA  Complies
DSL  Does not Comply
EINECS/ELINCS  Does not Comply
ENCS  Does not Comply
IECSC  Does not Comply
KECL  Does not Comply
PICCS  Does not Comply
AICS  Does not Comply

U.S. Federal Regulations

SARA 313
Section 313 of 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 and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium nitrate</td>
<td>10377-60-3</td>
<td>&lt; 0.1</td>
<td>1.0</td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>143-22-6</td>
<td>&lt; 0.1</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

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

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<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>Sodium dodecylbenzenesulfonate</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>HAPS data</th>
<th>VOC Chemicals</th>
<th>Class 1 Ozone Depleters</th>
<th>Class 2 Ozone Depleters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>143-22-6</td>
<td>&lt; 0.1</td>
<td>Present (includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except ethylene glycol monobutyl ether [EGBE]. See 40 CFR 63.62 for redefinition of glycol ethers listed as hazardous air pollutants and 40 CFR 63.63 for</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 7 / 9
CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>1000 lb</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1000 lb</td>
<td></td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>64-17-5</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnesium nitrate</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>SD Alcohol 40 (190 Proof)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium metabisulfite</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Mexico - Grade
Slight risk, Grade 1

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td></td>
<td>Mexico: Ceiling= 2 mg/m³</td>
</tr>
</tbody>
</table>

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2B  Toxic materials

16. OTHER INFORMATION

Issuing Date: 28-May-2010
Revision Date: 28-May-2010
Revision Note
No information available

General 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