1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name Aro Brite Liquid Laundry Detergent

Other Means of Identification
Product Code ACP-476

Recommended Use of the Chemical and Restrictions on Use
Recommended Use Laundry detergent

Details of the Supplier of the Safety Data Sheet
Manufacturer Address Arrow Chemical Products, Inc.
2067 Sainte Anne St.
Detroit, Michigan 48216

Emergency Telephone Number
Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification
This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Appearance Light Colored Liquid
Physical State Liquid
Odor None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfonated Esters*</td>
<td>149458-07-1</td>
<td>&lt;35</td>
</tr>
</tbody>
</table>

This product contains no substances which at their given concentration, are considered to be hazardous to health. The specific chemical identity and/or exact percentage has been withheld as a trade secret.
4. FIRST AID MEASURES

First Aid Measures

General Advice
If concerned: Get medical advice/attention.

Inhalation
Remove to fresh air. If condition persists seek medical attention.

Eye Contact
Flush eyes thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

Ingestion
Immediately drink 1-2 glasses of milk or water. Get medical attention.

Skin Contact
Wash off with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms
Contact with eyes may cause irritation. Prolonged contact with skin may cause irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Not a combustible. Use appropriate media for source of fire.

Unsuitable Extinguishing Media
None known.

Specific Hazards Arising from the Chemical
None known.

Hazardous Combustion
None known.

Products

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 protection equipment as required. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas.

Methods and Material for Containment and Cleaning Up

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

Methods for Cleaning Up
Absorb spilled material and sweep up. Keep in suitable, closed containers for disposal.
7. HANDLING AND STORAGE

Precautions for Safe Handling

**Advice on Safe Handling**
Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Do not handle until all safety precautions have been read and understood. Observe precautions found on the label.

Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions**
Keep container closed when not in use. Store locked up. Store in a cool dry place. Store in accordance with local regulations. Keep out of the reach of children.

**Incompatible Materials**
None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**
No exposure limits noted for the ingredients.

**Appropriate Engineering Controls**

**Engineering Controls**
Good general room ventilation should be adequate under normal conditions. Apply technical measures to comply with the occupational exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection**
No protective equipment needed under normal use conditions.

**Skin and Body Protection**
Rubber gloves or other impervious gloves recommended if prolonged contact.

**Respiratory Protection**
No protective equipment is needed under normal use conditions. Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Light Colored Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>6.5 – 8.5</td>
<td></td>
</tr>
<tr>
<td><strong>Melting Point/Freezing Point</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling Point/Boiling Range</strong></td>
<td>216°F</td>
<td></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>&lt;1</td>
<td>(Water = 1)</td>
</tr>
<tr>
<td><strong>Flammability (Solid, Gas)</strong></td>
<td>N/A - Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.01</td>
<td></td>
</tr>
<tr>
<td><strong>Water Solubility</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>% Volatile by weight</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Explosive Properties</strong></td>
<td>Not an explosive</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under normal conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to Avoid
None known.

Incompatible Materials
None known.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation
Not expected to be an inhalation hazard.

Eye Contact
Contact with eyes may cause irritation.

Skin Contact
Prolonged contact with skin may cause irritation.

Ingestion
May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Component Information

Information on Physical, Chemical and Toxicological Effects

Symptoms
Ingestion may cause gastrointestinal discomfort. Contact with eyes and skin may cause irritation.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity
Not classified as a carcinogen per GHS criteria. Not classified as a carcinogen by NTP, IARC, or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and Degradability
No information available.
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.

14. TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not regulated

IATA: Not regulated

IMDG: Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: Listed
DSL: Listed
NDGL: Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDGL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IIECS - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313: No ingredients are regulated by this Act.

US State Regulations

U.S. State Right-to-Know Regulations: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>P (Gloves)</td>
</tr>
</tbody>
</table>

**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