



COMPLETE CLEANING SOLUTIONS

SAFETY DATA SHEET

ACP-688 – ECO Orange Cleaner & Degreaser

Date: 9/12/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ECO Orange Cleaner & Degreaser

Other Means of Identification

Product Code ACP-688

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Heavy duty auto scrub cleaner & degreaser.

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave
Kalamazoo, MI 49009

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.

Signal Word NONE

Appearance: Orange Liquid

Physical State: Liquid

Odor: Citrus Scent

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sulfonated Esters	149458-07-1	0 - 6
Diethylene Glycol Monobutyl Ether	112-34-5	0 - 2

This product contains no substances which at their given concentration, are considered to be hazardous to health.

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.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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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 Products	None known.
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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.
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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

Physical State	Liquid	Odor	Citrus scent
Appearance	Orange Liquid	Odor Threshold	Not determined
Color	Orange		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	8 – 10		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	212°F		
Flash Point	Not determined		
Evaporation Rate	<1	(Water = 1)	
Flammability (Solid, Gas)	N/A- Liquid		
Specific Gravity	1.02		
Water Solubility	Not determined		
% Volatile by weight	Not determined		
Explosive Properties	Not an explosive		

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

Strong oxidizing agents

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.

Information on Physical, Chemical and Toxicological Effects

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

Bioaccumulation

No information available.

Mobility

No information available

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.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	Listed
NDSL	Listed

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - 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*
- IECSC - 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

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

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

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