



SAFETY DATA SHEET

ACP-249 – Easy Green

Date 8-19-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Easy Green

Other Means of Identification

Product Code ACP-249

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Degreaser / Cleaner / Deodorizer

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
2067 Ste. Anne
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 product 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

Hazard Statements

Direct eye contact will cause irritation. May be harmful if swallowed. Health injuries are not known or expected under normal use. Prolonged or repeated contact may be drying to skin.

Appearance Green liquid

Physical State Liquid

Odor Sassafras Scent

Precautionary Statements - Prevention

Do not taste or swallow.

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If irritation persists seek medical attention.

IF ON SKIN (or hair): Rinse skin with water/shower Wash contaminated clothing before reuse

IF INHALED: If adverse effect occurs, move to fresh air.

IF SWALLOWED: Drink plenty of water to dilute.

Precautionary Statements - Storage

Store in a cool dry place. KEEP OUT OF REACH OF CHILDREN. Keep container tightly closed and in an upright position when not in use.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethoxylated Alcohol	68439-46-3	0 - 10
Tetrapotassium Pyrophosphate	7320-34-5	0 – 5
Sodium Citrate	68-04-2	0 - 5
Fragrance	Mixture	0 - 1

The balance of ingredients are not considered as hazardous to health or the environment and are being withheld as a trade secret

4. FIRST AID MEASURES

First Aid Measures

Inhalation	If adverse effect occurs, move to fresh air.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists seek medical attention
Ingestion	Drink plenty of water to dilute
Skin Contact	Rinse skin with water/shower Wash contaminated clothing before reuse.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause mild irritation to eyes. Swallowing may cause gastrointestinal discomfort.
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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

Water fog, foam, dry chemical powder, or carbon dioxide (CO₂).

Unsuitable Extinguishing Media High volume water jet.

Specific Hazards Arising from the Chemical

During fire, carbon oxides, oxides of phosphorus may be formed.

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 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. Prevent entry into waterways, sewer, basements or confined areas.

Methods for Cleaning Up Collect using an inert absorbent material and keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Use personal protective equipment as required. Do not taste or swallow.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Store in a cool dry place. KEEP OUT OF THE REACH OF CHILDREN. Keep container tightly closed and upright when not in use.

Incompatible Materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Tetrapotassium Pyrophosphate 7320-34-5			5 mg/m ³

Appropriate Engineering Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash goggles or safety glasses if splashing is likely.

Skin and Body Protection Rubber or other impervious gloves for prolonged exposure.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

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

Physical State	Liquid	Odor	Sassafras
Appearance	Green liquid	Odor Threshold	Not determined
Color	Green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0 – 8.0	

Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	>200 °F	
Flash Point	N	
Evaporation Rate	1	Water = 1
Flammability (Solid, Gas)	Not applicable	
Upper Flammability Limit	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	18 mmHg @ 20°C	
Density	8.6 Lb/Gal	
Specific Gravity	1.03	
Water Solubility	complete	
RVOC	<4%	CARB Method 310

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions.

None under normal processing

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Excessive heat and contamination of any kind.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide, oxides of Phosphorous may occur.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Not expected to be an inhalation hazard.
Eye Contact	May cause minor irritation consisting of transient redness and swelling.
Skin Contact	May cause minor irritation consisting of transient redness and swelling.
Ingestion	May cause mild gastrointestinal discomfort.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Exoxylated Alcohol 68439-46-3	>2000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Tetrapotassium Pyrophosphate 7320-34-5	>2000 mg/kg (Mouse)	>4640 mg.kg (Rabbit)	

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause mild irritation to eyes. Swallowing may cause gastrointestinal discomfort.

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

Carcinogenicity No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, IARC, OSHA, or NTP.

Numerical Measures of Toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Exthoxylated Alcohol 68439-46-3	EC50 Algae 10-100 mg/l 72 h	LC50 Fish 5-10 mg/l 96 h		EC50 Daphnia magna 5-10 mg/L 48h

Persistence and Degradability
Readily biodegradable as defined by OECD 301D

Bioaccumulation
The potential for bio-concentration in aquatic organisms is not expected.

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. Do not reuse packaging.

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

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

To the best of our knowledge there are no chemicals that require reporting under this statute.

US State Regulations

U.S. State Right-to-Know Regulations

No components of this product appear on any state lists.

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
	0	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