



# #42 Safety Data Sheet

Issue Date: 15-Jan-2015

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** #42 Windshield Wash Concentrate, Summer Blend

### Other means of identification

**SDS #** #42

**Product Code** #42

### Recommended use of the chemical and restrictions on use

**Recommended Use** Automotive Care Products.

### Details of the supplier of the safety data sheet

#### **Distributor**

1st Ayd Corporation  
1325 Gateway Drive  
Elgin, IL 60124

### Emergency Telephone Number

**Company Phone Number** (847) 622-0001  
**Emergency Telephone (24 hr)** Chem Tel: 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear blue liquid

**Physical State** Liquid

**Odor** Mild characteristic

### 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.

### Other Hazards

Harmful to aquatic life with long lasting effects

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Cocamidopropyl betaine	61789-40-0	<5

\*\*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

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation develops.
<b>Skin Contact</b>	Wash skin thoroughly with mild soap and water.
<b>Inhalation</b>	Remove to fresh air. Get medical attention.
<b>Ingestion</b>	Get medical attention.

##### Most important symptoms and effects

<b>Symptoms</b>	May be irritating to the eyes. Prolonged or repeated skin contact may cause irritation. Excessive inhalation can produce dizziness, nausea and headache. Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray (fog). Alcohol foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media** Not determined.

##### Specific Hazards Arising from the Chemical

Product is not flammable.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

##### 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

<b>Personal Precautions</b>	Use personal protection recommended in Section 8.
<b>Environmental Precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

##### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Contain and collect with an inert absorbent and place into an appropriate container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Keep containers closed when not in use. Do not smoke while using product.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place.

#### **Incompatible Materials**

Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

No exposure limits noted for ingredient(s). The following information is given as general guidance

### Appropriate engineering controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

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

#### **Eye/Face Protection**

Avoid contact with eyes.

#### **Skin and Body Protection**

Wear suitable protective clothing.

#### **Respiratory Protection**

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

#### **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

#### **Appearance**

Clear blue liquid

#### **Color**

Clear blue

#### **Odor**

Mild characteristic

#### **Odor Threshold**

Not determined

### Property

### Values

### Remarks • Method

pH

Not determined

Melting Point/Freezing Point

0 °C / 32 °F

Boiling Point/Boiling Range

100 °C / 212 °F

Flash Point

>93.3 °C / >200 °F

Evaporation Rate

Negligible

Flammability (Solid, Gas)

Liquid-Not applicable

Upper Flammability Limits

Not applicable

Lower Flammability Limit

Not applicable

Vapor Pressure

Not determined

Vapor Density

Not determined

Specific Gravity

1.00

(Water = 1)

Water Solubility

Infinite

Solubility in other solvents

Not determined

Partition Coefficient

Not determined

Auto-ignition Temperature

Not determined

Decomposition Temperature

Not determined

Kinematic Viscosity

Not determined

Dynamic Viscosity

Not determined

Explosive Properties

Not determined

Oxidizing Properties

Not determined

**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**

Avoid heat, sparks, open flames and other ignition sources. Keep separated from incompatible substances. Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information****Eye Contact**

Avoid contact with eyes.

**Skin Contact**

Avoid contact with skin.

**Inhalation**

Avoid breathing vapors or mists.

**Ingestion**

Do not ingest.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Cocamidopropyl betaine 61789-40-0	= 4900 mg/kg ( Rat )	-	-

**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****Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Cocamidopropyl betaine 61789-40-0	1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC50	1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 2: 96 h Brachydanio rerio mg/L LC50 semi-static		6.5: 48 h Daphnia magna mg/L EC50

**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.

**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****Marine Pollutant**

This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Cocamidopropyl betaine	Present	X		Present		Present	X	Present	X	X

**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**AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**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)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION****NFPA****Health Hazards**

0

**Flammability**

0

**Instability**

0

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical Hazards**

Not determined

**Personal Protection**

Not determined

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**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**