

# SAFETY DATA SHEET



SDS No.: 4.0  
Second Revision: June 28, 2021  
Date Created: September 13, 2019

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** EasiSolv C99 Press Wash  
**General Use:** Cleaner  
**Product Description:** Colorless to Slight Yellow Liquid

### MANUFACTURER

Easiway Systems, Inc.  
540 S River Street  
Delano, MN 55328  
Phone 1-763-972-6306  
[www.easiway.com](http://www.easiway.com)

[sales@easiway.com](mailto:sales@easiway.com)

### EMERGENCY TELEPHONE NUMBER:

(800)-255-3924 ChemTel USA, Canada, Puerto Rico  
& U.S. Virgin Islands  
+1(813) 248-0585 ChemTel International (Call Collect)  
**Easiway Systems Contract Number MIS3609005**

## 2. HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW

#### GHS CLASSIFICATION OF SUBSTANCE

<b>Flammable Liquid</b>	Category 4
<b>Aspiration Toxicity</b>	Not Rated Under GHS
<b>Skin Corrosion/Irritation</b>	Not Rated Under GHS
<b>Eye Corrosion/Irritation</b>	Category 2
<b>Carcinogenicity</b>	Not Rated Under GHS
<b>Specific Organ Toxicity Repeated Exposure</b>	Not Rated Under GHS
<b>Specific Organ Toxicity Single Exposure</b>	Not Rated Under GHS
<b>Reproductive Toxicity</b>	Not Rated Under GHS
<b>Acute Toxicity</b>	Not Rated Under GHS
<b>Germ Cell mutagenicity</b>	Not Rated Under GHS
<b>Corrosive to Metals</b>	Not Rated Under GHS
<b>Hazardous to the aquatic environment</b>	See Section 12

Hazard Category - means the division of criteria within each hazard class, e.g. acute toxicity includes five hazard categories and flammable liquids include four hazard categories. These categories compare hazard severity within a hazard class. "GHS Classification of Substance" means the material hazard class under that particular category and should not be taken as a comparison of hazard categories more generally. Degree of severity under GHS is "1" being the most severe and sequential numbers indicating correspondingly less severity. "Not Classified Under GHS" does not have characteristics that fall into any of the categories for that hazard class.

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## GHS LABEL ELEMENTS



### WARNING

#### Hazard Statements

H227 - Combustible Liquid

H319 - May cause serious eye irritation

#### Precautionary Statements

##### General:

P101-If medical advice is needed, have product container or label at hand.

P103-Read label before use.

##### Prevention:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof equipment

P264 - Wash hands, forearms and face thoroughly after handling

P280 - Wear eye protection, face protection, protective clothing, protective gloves

##### Response:

P370+P378 - In case of fire: Use carbon dioxide, extinguishing powder, or foam to extinguish

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317 - If eye irritation persists: Get medical help.

##### Storage/Disposal:

P403+235+404-Store in well-ventilated place. Keep cool. Store in closed container.

P501-Dispose of contents/container in accordance with local/regional/federal regulations.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>wt%</u>	<u>CAS Registry #</u>
Propylene Carbonate	68 - 92	108-32-7
2-Propanol-1-methoxy propanoate	5 - 10	148462-57-1
Benzaldehyde	<0.1	100-52-7

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## 4. FIRST AID MEASURES

#### INHALATION:

Remove to fresh air and keep at rest in a comfortable position. Get medical attention if symptoms persist after moving to fresh air. Give oxygen if available, symptoms persist, and medical attention is not immediate.

#### EYE CONTACT:

Remove contact lens (if present). Rinse eyes immediately with plenty of clean water for at least 15 minutes. If necessary, gently hold the eyelid open during the flush. Seek medical attention following initial eye washing. Product is caustic and irreversible eye damage can occur if material is not successfully removed from the eyes.

#### SKIN CONTACT:

Immediately wash skin with mild soap solution to remove material from skin. Remove affected clothing and launder prior to re-use. If skin damage occurs other than redness, seek medical attention and provide this SDS to attending medical personnel.

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## INGESTION:

Ingestion is not a likely route of exposure based on commercial product use. If ingestion occurs, seek immediate medical attention. Do not induce vomiting or give anything but water by mouth without being directed to do so by POISON CONTROL or attending medical personnel.

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## 5. FIRE FIGHTING MEASURES

**Flashpoint and Method:** 177 °F/80 °C  
**Flammable Limits:** Unknown  
**Autoignition Temperature:** Unknown

### GENERAL HAZARD:

Product is combustible and will provide fuel to an existing fire.

### FIRE FIGHTING INSTRUCTIONS:

Water fog or fine spray; dry chemical fire extinguishers; carbon dioxide fire extinguishers; foam; alcohol resistant foams (ATC type). Use water fog or fine spray for cooling exposed containers to control heating.

### FIRE FIGHTING EQUIPMENT:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### FURTHER INFORMATION:

During a fire, smoke may contain the original material in addition to combustion products which might be more irritating.

### HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, carbon dioxide, and organics such as aldehydes depending on the heat of the fire.

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## 6. ACCIDENTAL RELEASE MEASURES

### LAND SPILL RESPONSE:

Absorb small spills with inert material such as sand or earth. Containerize waste material. Dike large spills to contain the area of the spill. Use clean up procedures that minimize contamination to earth or water bodies.

For indoor spills, dike drains to prevent flow of spilled material into the drain. Product is combustible and somewhat volatile so ventilate the area to the outside if possible and wear protective equipment including organic cartridge respirator and gloves during any clean up procedures.

### WATER SPILL:

Depending on the volume spilled, this may not be recoverable from a water body. Small spills will be mixed with the water body and the product is biodegradable.

### RECOMMENDED DISPOSAL:

Disposal options may be dictated by other materials mixed with this material. Dispose of in accordance with local, state, and federal regulations using methods which consider recycling/reclamation.

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## 7. HANDLING AND STORAGE

**STORAGE TEMPERATURE:** Ambient

**STORAGE PRESSURE:** Atmospheric

### GENERAL:

Keep the container tightly closed. Store in a dry, cool, and well-ventilated place away from incompatible materials such as oxidizing agents and acids. Preferable storage is in a location designed for liquids with secondary spill containment. Remaining residue in empty containers may present a fire hazard. Avoid breathing mist or vapor.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200 and other agencies)

Component	EXPOSURE LIMITS 8 hrs TWA (ppm)				
	OSHA PEL	ACGIH TLV	NIOSH REL	AIHA WEEL	Other
Propylene Carbonate	NE	NE	NE		
2-Propanol, 1-methoxy, propanoate	NE	NE	NE		
Benzaldehyde	NE	NE	NE	2 ppm - TWA 4 ppm - STEL	

NE - None Established.

### ENGINEERING CONTROLS:

Provide adequate general and local exhaust ventilation to maintain exposure below established exposure limits. Provide eyewash stations and safety showers in locations available to material users. Provide hand washing facilities for routine use by personnel using the material.

### PERSONAL PROTECTION:

Splash goggles and apron should be worn when pouring this material to avoid contact with the liquid. Hand protection is recommended when there is possible direct contact with the liquid. Glove choice should be appropriate for the chemical blend and the specific activity being performed. NOTE: nitrile gloves are a general purpose glove available in a wide variety of thicknesses and protect against most chemicals. Respiratory protection should be appropriate for caustic and solvent exposure and utilized if ventilation cannot be established to adequately maintain exposure within exposure limits such as might occur when cleaning up spills.

### EXPOSURE EVALUATION:

Exposures depend on activities being performed and the ventilation in the area.

Personal exposure monitoring can be performed by the employer to determine his/her employee exposures to the product during routine use at the facility. It is beyond the responsibility of the product supplier to estimate/determine airborne exposure in a user's facility.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Vapor Pressure:</b>	No Data Available	<b>Vapor Density:</b>	Heavier than air
<b>Specific Gravity:</b>	1.18 @ 20 C	<b>Evaporation Rate:</b>	No Data Available
<b>Solubility in Water:</b>	Miscible	<b>Freezing Point:</b>	No Data Available
		<b>Odor:</b>	Mild Solvent
<b>pH:</b>	Not Applicable	<b>Appearance:</b>	Colorless to slight yellow
<b>Boiling Point:</b>	No Data Available	<b>Physical State:</b>	Liquid
<b>Viscosity:</b>	<10 cPs	<b>Flammable Range:</b>	No Data Available
<b>Flash Point:</b>	177 °F/80 ° C	<b>VOC content:</b>	99 g/L

## 10. STABILITY AND REACTIVITY

### GENERAL:

No dangerous reactions known under normal use conditions.

### INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Strong acids, strong alkalis, and strong oxidizers

### HAZARDOUS DECOMPOSITION:

Carbon oxides, potassium salts, short chained organic compounds depending on temperature.

## 11. TOXICOLOGICAL INFORMATION

### TOXICITY TO ANIMALS:

<u>Component</u>	<u>Acute Test</u>	<u>Value</u>	<u>Species</u>
Propylene Carbonate	LD50 oral	5000 mg/kg	Rat
Propylene Carbonate	LD50 dermal	2000 mg/kg	Rabbit
Propylene Carbonate	NOAEL	5000 mg/kg	Rat
2-propanol-1-methoxy propanoate	LD50 oral	>12,000 mg/kg	Rat
2-propanol-1-methoxy propanoate	LD50 dermal	>12,000 mg/kg	Rat
2-propanol-1-methoxy propanoate	LC50 inhalation	>6000 ppm	Rat

### ROUTES OF ENTRY:

Primary route of entry for this product is through the eye. Propylene carbonate is used in cosmetic applications and not considered a skin hazard, however, it is possible that prolonged skin exposure to the concentrated product could cause skin irritation in people with pre-existing skin problems. The product is not sufficiently volatile to be an inhalation hazard unless used in a manner to produce a liquid mist.

### CHRONIC EFFECTS ON HUMANS:

#### Eyes:

Product can cause eye irritation if left in the eye.

#### Skin:

Not expected to produce dermal irritation under normal use.

#### Ingestion:

Not a likely route of exposure. Not expected to present an ingestion hazard.

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## Inhalation:

Not a significant route of entry during normal use. Misuse could result in narcotic effects including dizziness and CNS suppression.

## 12. ECOLOGICAL INFORMATION

Species	Test Information	Concentration	Component
Fish - freshwater	Predicted No-Effect Conc	900 ug/L	Propylene Carbonate
Fish - intermittent freshwater	PNEC	9 mg/L	Propylene Carbonate
Fish	LC50 - 4 days	1 g/L	Propylene Carbonate
Aquatic Invertebrates	EC50 - 48 hr	1 g/L	Propylene Carbonate
Aquatic Algae and cyanobacteria	EC50 - 72 hr	900 mg/L	Propylene Carbonate
Microorganisms	EC50 - 16 hr	25.619 g/L	Propylene Carbonate

Product is not known to be aquatically toxic.

## PRODUCTS OF BIODEGRADATION:

Components readily biodegrade and products of biodegradation are less toxic than the chemicals, themselves.

## 13. DISPOSAL CONSIDERATIONS

Dispose of any waste in compliance with local, state, and federal regulations. Determine EPA RCRA waste categorization at the time of disposal as mixing with other materials may change its categorization. Containers may contain residue that needs to be addressed at time of disposal. Recycling containers needs to address any remaining residues.

## 14. TRANSPORT INFORMATION

The following proper shipping name, hazard class and packing group are in accordance to 49 CFR Department of Transportation (U.S. DOT) regulatory requirements from 172.101 Hazardous Materials Table

49 CFR Shipping Information	EasiSolv C99 Press Wash
Symbols	"G" - identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description. See 172.203(k).
UN Number	Not DOT regulated for domestic transportation unless greater than 119 gallons (450 liters). NA1993
Proper Shipping Name	Combustible Liquid, n.o.s.
Hazard Class	Combustible
Packing Group	III
Label Codes	None
Special Provisions (172.102)	IB3,T1,T4,TP1
Packaging - Exceptions	consult 49 CFR 173.150 Exceptions for Class 3 flammable and combustible liquids
Packaging - Nonbulk	consult 49 CFR 173.203
Packaging - bulk	consult 49 CFR 173.241
Quantity Limitations - Passenger aircraft/rail	60 L
Quantity Limitations - Cargo aircraft only	220L
Vessel stowage - Location	A - means the material may be stowed on deck or under deck on a cargo vessel and on a passenger vessel
Vessel stowage - Other	Blank

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## INTERNATIONAL AIR TRADE ASSOCIATION (IATA)

IATA 58th Edition Information	EasiSolv C99 Press Wash
UN Number	NA
Proper Shipping Name Description	NA
Class or Division	NA
Hazard Label(s)	NA
Packing Group	NA
EQ - 2.6 Dangerous Goods in Excepted Quantities	NA
Passenger Aircraft - Limited Quantity Packing Instructions	NA
Passenger Aircraft - Limited Quantity Max net Qty/Pkg	NA
Passenger Aircraft - Packing Instructions	NA
Passenger Aircraft - Quantity Max Net Qty/Pkg	NA
Cargo Aircraft only - Packing Instructions	NA
Cargo Aircraft only - Max Net Qty/Pkg	NA
Special Provisions 4.4	NA
ERG Code	NA

## INTERNATIONAL MARITIME DANGEROUS GOODS CODE (IMDG CODE)

IMDG 2016 EDITION	EasiSolv C99 Press Wash
UN Number	NA
Proper Shipping Name Description	NA
Class or Division	NA
Subsidiary Risks	NA
Packing Group	NA
Special Provisions	NA
Limited Quantities	NA
Excepted Quantities	NA
Packing Instructions	NA
Packing Provisions	NA
IBC Instructions 4.1.4	NA
IBC Provisions 4.1.4	NA
Portable tanks and bulk containers - tank instructions	NA
Portable tanks and bulk containers - provisions	NA
EmS	NA
Stowage and Handling	NA
Segregation	NA
Properties and observations	NA

## 15. REGULATORY INFORMATION

### Chemical Inventory Status

Ingredients listed on: TSCA, DSL, Japan, and EC inventories.

SARA Section 302 - Emergency Planning Notification -

SARA Section 304 - Emergency Release Notification - None

SARA 311/312 - Hazard categories for SARA Section 311/312 Reporting - Fire Hazard, acute health hazard

CERCLA - Hazardous Substance -

RCRA Hazardous Waste Classification - None

### California Proposition 65:

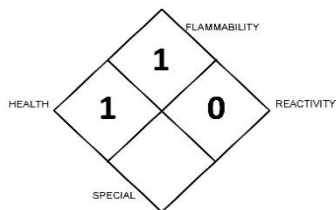
No components known to the state of California to cause cancer and/or reproductive harm.

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## 16. OTHER INFORMATION

### UNITED STATES NATIONAL FIRE PROTECTION ASSOCIATION (U.S. NFPA)

NFPA 704 "fire diamond" is used by emergency personnel to quickly identify the risks posed by the material during response to a fire or a spill or other unusual event.



### NFPA rating explanation as applied to EasiSolv C99

**FLAMMABILITY 1** - Materials that require considerable preheating, under all ambient temperature before ignition can occur. Flash point at or above

**HEALTH 1** - Exposure would cause irritation with only minor residual injury

**REACTIVITY 0** - Normally stable, even under fire exposure conditions, and is not reactive with water.

**SPECIAL** - contains special symbols applicable to the material. In this case there are no applicable special conditions.

EasiSolv C99	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

HEALTH -

1 - Irritation or minor reversible injury possible.

FLAMMABILITY-

1 - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F/93 C

REACTIVITY-

0-Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Nonexplosives.

PERSONAL PROTECTION-

Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.

### CREATION/REVISION SUMMARY:

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