SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product Name: SpliceMaster® CableWash™ Washing Solution

Product ID numbers: CWS-22, CWS-XXX (Where XXX is the package code.)

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Water-based cleaning solution, no residue for precision cleaning.

List of advices against: Not applicable.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:

American Polywater Corporation
11222 - 60th Street North
Stillwater, MN 55082 USA
Tel: 1-651-430-2270
Email: sds@polywater.com

Polywater Europe BV
Zuidhaven 9-11 Unit B2
4761 CR Zevenbergen
Netherlands
Tel: +31 (0)10 2330578
Email: sds@ polywater.com

1.4 Emergency telephone numbers

INFOTRAC 1-352-323-3500 (USA)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to OSHA 29 CFR 1910.1200.

This product contains no reportable hazardous components according to US Federal regulations.

Classification according to Regulation (EC) No 1272/2008

This product is not classified as dangerous according to EC criteria.

2.2 Label elements

Contains: None required.

Pictograms: None required.

Hazard Statements: None required.

2.3 Other hazards: No information available.

3. Composition/Information on Ingredients

Component	CAS #	EC #	Wt. %	GHS/CLP Classification
Propylene Glycol	57-55-6	200-338-0	<30	--
Ethylene Glycol Monobutyl Ether	111-76-2	203-905-0	<1	Skin Irrit 2 H315; Eye Irrit 2 H319 Acute Tox 4 H302, H312, H332

This product contains no other reportable hazardous components under OSHA 29 CFR 1910.1200 and European Regulation (EC) No 1272/2008.

4. First Aid Measures

4.1 Description of first aid measures

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: If skin irritation occurs, get medical attention.

Inhalation (Breathing): Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion (Swallowing): Rinse mouth. If discomfort continues, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Aside from information above, no additional symptoms and effects are anticipated.

4.3 Indication of immediate medical attention and special treatment needed.

No information available.

5. Firefighting Measures

5.1 Extinguishing media:

Does not apply.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition and by-products:

High temperature steam, potentially carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Sealed container can build up pressure when exposed to high heat. Cool containers with water.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes and skin.

6.2 Environmental precautions:

Outside spills unlikely. Absorb with sand or absorbents.

6.3 Methods materials for containment and cleaning up:

Flush small spills to drain with water.

6.4 Reference to other sections:

Refer to Sections 4, 5, 8, and 13 for more information.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid unnecessary contact.

7.2 Conditions for safe storage, including incompatibilities

Keep product containers closed when not in use.

7.3 Specific end uses

See product flyer for further information.

8. Exposure Controls / Personal Protection

8.1 Control parameters

Exposure limits and recommendations:

Component Name	Limit	Standard	Source/Note
Ethylene Glycol Monobutyl Ether	50 ppm	OSHA PEL	
Ethylene Glycol Monobutyl Ether	20 ppm	ACGIH TLV	

8.2 Exposure controls

Respiratory protection:

Normal ventilation is adequate.

Protective gloves:

For people with pre-existing skin conditions such as dermatitis the use of impermeable gloves is recommended.

Eye protection:

Eye protection is recommended, especially if the material is used in ways where it could contact the eyes.

9. Physical and Chemical

9.1 Information of basic physical and chemical properties

Appearance:	Clear, amber-colored liquid. Foams with agitation.
Odor threshold:	Not available
pH:	Neutral
Freezing point:	~ 32°F (0°C)
Boiling point:	~ 212°F (100°C)
Flash point:	None
Evaporation rate:	Like water
Flammability (solid, gas):	Product is not flammable
Upper/lower flammability or explosive limits:	Does not apply
Vapor pressure:	Not available
Vapor density (Air = 1):	Not available
Specific gravity (H_2O = 1):	0.97
Solubility in water:	Complete
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Does not apply
Decomposition temperature:	Not available

9.2 Other Information

Volatiles (Weight %):	88%
VOC Content:	252 g/l

10. Stability and Reactivity

10.1 Reactivity:

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

None known.

10.4 Conditions to avoid:

None known.

10.5 Incompatible materials :

Strong oxidizing agents, strong acids.

10.6 Hazardous decomposition products:

Carbon dioxide, carbon monoxide.

11. Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity

Eye contact:

Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

Skin contact:

This product has low skin irritation potential. There is no dermal toxicity hazard.

Irritation and Sensitization Potential:

This product has low skin irritation potential. It is not a sensitizer.

Inhalation (Breathing):

Inhalation unlikely with low vapor pressure. May cause drowsiness or dizziness.

Ingestion:

Slight ingestion hazard.

Toxicity to Animals

Propylene Glycol:	LD_{50} (oral rat) 21,000 – 33,700 mg/kg
	LD_{50} (dermal rabbit) 28,000 mg/kg
Ethylene Glycol Monobutyl Ether	LD_{50} (oral rat) 615 - 1,746 mg/kg
	LD_{50} (dermal rat) >2,000 mg/kg

Aspiration hazard

Not an aspiration hazard.

Chronic Exposure:

Reproductive Toxicity:	Not Available
Mutagenicity:	Not Available
Teratogenicity:	Not Available
Toxicologically Synergistic Products:	Not Available
Carcinogenic Status:	This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

12. Ecological Information

12.1 Ecotoxicity

Ethylene Glycol Monobutyl Ether	LC_{50} 96 h Oncorhynchus mykiss 1,474 mg/l
	LC_{50} 48 h Daphnia magna 1,550 mg/l

12.2 Persistence and degradability:	No information available.
12.3 Bioaccumulation potential:	No information available
12.4 Mobility in soil:	No information available.
12.5 Results of PBT and vPvB Assessment:	This product is not, nor does it contain a substance that is a PBT or vPvB.
12.6 Other adverse effects:	None known.

13. Disposal Considerations

Dispose of product in accordance with National and Local Regulations.

14. Transport Information

UN Number:	Not Listed
UN Proper shipping name:	Not Applicable
Transport hazard class(es):	Not Applicable

Packing group:	Not Applicable
Environmental hazards:	None known
Special precautions:	None known
TDG:	Not Regulated
ICAO/IATA-DGR:	Not Regulated
IMDG:	Not Regulated
ADR/RID:	Not Regulated

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

USA Federal and State
All components are listed on the TSCA inventory.

Hazard Categories for SARA Section 311/312 Reporting	**Acute**	**Chronic**	**Fire**	**Pressure**	**Reactive**
	No	No	No	No	No

	CERCLA/SARA Sec 302		**SARA Sec. 313**
Components	**Hazardous Substance RQ**	**EHS TPQ**	**Toxic Release**

Components are not affected by these Superfund regulations.

NFPA Ratings:	Health:	0
	Fire:	0
	Reactivity:	0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

European Union
All components are listed on the European Inventory of Existing Chemical Substances (EINECS).
Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. It does not contain Substances of Very High Concern (SVHC).

Canada
All components are listed on the DSL inventory.
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS Classification: NC

Australia
All components are listed on the AICS.
Not considered hazardous according to criteria of NOHSC Australia.

15.2 Chemical Safety Assessment
No chemical safety assessment has been carried out for the mixture by the supplier.

16. Other Information

Abbreviations and acronyms:
OSHA = Occupational Safety and Health Administration
CLP = Classification, Labeling and Packaging Regulation
STOT = Specific Target Organ Toxicity
LD_{50} = Median Lethal Dose
DNEL = Derived No Effect Level

ACGIH = American Conference of Governmental Industrial Hygienists
TSCA = Toxic Substances Control Act (USA)
DSL = Domestic Substances List (Canada)
AICS = Australian Inventory of Chemical Substances

Revision Date:	October 5, 2015
Revision Number:	7
Supersedes:	January 2, 2015
Other:	Not Applicable
Indication of Changes:	Sections 2.1, 2.2, 3 propylene glycol hazards revised and updated in accordance with the provisions of OSHA 1910.1200 App D and REACH Annex II (EU No 453/2010). (GHS format)

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.