



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	E-WELD 4
Product Identifier	53-F 403, 53-F 406, 53-F 407, 53-F 408
MSDS No.	L-147E
Product Family	E-Weld product family
Manufacturer / Supplier	J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com
Emergency Contact	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 hours / 7 days
Information Use	Weld spatter release emulsion

2. HAZARDS IDENTIFICATION

WHMIS Classification	Not a WHMIS controlled product.
Potential Health Effects	
Route of Exposure	Inhalation; skin contact; eye contact; ingestion.
Eye Contact	May cause eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

4. FIRST AID MEASURES

First Aid Procedures

Inhalation	Move victim to fresh air.
Skin Contact	Flush with lukewarm, gently flowing water for 5 minutes.
Eye Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.
Ingestion	Have victim rinse mouth with water. Give plenty of water to drink. DO NOT INDUCE VOMITING. Call a Poison Centre or doctor if the victim feels unwell.

5. FIRE FIGHTING MEASURES

Flammable Properties	Does not burn.
Suitable Extinguishing Media	All extinguishing media possible.
Unsuitable Extinguishing Media	None known

Specific Hazards Arising from the Chemical This product presents no unusual hazards in a fire situation.

Protective Equipment and Precautions for Firefighters No special precautions are necessary. See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Review Section 7 (Handling) of this MSDS before proceeding with clean-up. Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
Environmental Precautions	Do not discharge into drains undiluted.
Methods for Containment and Clean-up	Flush spill area. Review Section 13 (Disposal Considerations) of this MSDS.

7. HANDLING AND STORAGE

Handling	No special handling precautions are necessary.
Storage	Protect from freezing. Freezing will damage the product and render it unusable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment (PPE)

Eye/Face Protection	Wear chemical safety goggles.
Skin Protection	Wear chemical protective gloves for long lasting skin contact.
Respiratory Protection	Not normally required if product is used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Milky green liquid
Odour	Citrus
Boiling Point	98 °C (208 °F)
Freezing Point	0 °C (32 °F)
Solubility in Water	Soluble
pH	9
Specific Density	0.99 g/ml @20°C (68°F)
Viscosity	N/Av
VOC (g/L)	0 g/L

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable
Conditions to Avoid	None known
Incompatible Materials	None known
Hazardous Decomposition	None known

11. TOXICOLOGICAL INFORMATION

Eye Irritation / Corrosion	Slight irritation of eyes possible.
Carcinogenicity	IARC: Not specifically listed. ACGIH®: A4 – Not classifiable as a human carcinogen (CITRAL) (Glutaraldehyde solution) NTP: Not specifically listed. OSHA: Not specifically listed.

12. ECOLOGICAL INFORMATION

General Comments Behaviour in sewage plants: From our experience the product does not cause disruptions of purification of sewage. Contains no AOX according to formula. Contains no phosphates.

13. DISPOSAL CONSIDERATIONS

Eliminate while respecting municipal, provincial and federal regulations. Consider pH value.

14. TRANSPORT INFORMATION

Shipping Information Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Other Transport Information

Special Shipping Information Please note: Ship upright. Absolutely must be protected from freezing. Freezing will damage product and render it unusable.

15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL) All ingredients are listed on the DSL.

USA

US OSHA Regulatory Status The ingredients are controlled by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Toxic Substances Control Act All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Additional USA Regulatory Lists

CERCLA: RQ: None

SARA Title III - Section 302: None

SARA Title III - Section 311/312: None

SARA Title III - Section 313: None

New Jersey Right To Know: Substance No. 0960 (glutaraldehyde solutions CAS 111-30-8), less than 1 % w/w.

Section 112: Hazardous Air Pollutants (HAPS): None

16. OTHER INFORMATION

MSDS Prepared By Product Manager, Environmental Solutions and MRO

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