

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : END POINT DETECTOR FLUID

1. Product and Company Identification

Product name: End Point Detector Fluid
Synonyms: None
Item Numbers: A555-27 023

European Contact Details

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Chemtrec: 1-800-424-9300

2. Hazards Identification

EMERGENCY OVERVIEW

This fluid is essentially water. When properly handled according to good working and hygienic practices it is not dangerous for human health and the environment.

For short and long term exposure effects, refer to Section 11 Toxicological Information.

Eye Effects: Non-corrosive and non-irritant to the eyes.
Skin Effects: Non-corrosive, non-irritant, non-permeator and non-sensitiser for the skin.
Ingestion/Oral Effects: Non-hazardous if ingested.
Inhalation Effects: Non-hazardous: Non-corrosive, non-irritant and non-sensitiser for lungs.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

NFPA Hazard codes		HMIS Hazard codes		Rating System
Health	0	Health	0	0 = No Hazard
Flammability	0	Flammability	0	1 = Slight Hazard
Instability	0	Reactivity	0	2 = Moderate Hazard
				3 = Serious Hazard
				4 = Severe Hazard

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : END POINT DETECTOR FLUID

3. Composition/Information on Ingredients

Ingredient	% Weight	CAS No	Hazard class*	Risk phrase*
Deionised water	99.9	Not allocated	Not applicable	Not applicable
4.5 Indicator Solution	0.1	Not allocated	Not applicable	Not applicable

*Hazard class & Risk phrase. These columns are only completed for ingredients which are classified as hazardous under EU Directive No 1272/2008 (as amended) and are present in sufficient concentration to make the overall substance hazardous. In all other situations, the column will be completed as "Not applicable".

4. First Aid Measures

Eyes: Irrigate the eye with plenty of water.
Skin: Wash with soap and water.
Ingestion/Oral: Wash out mouth with plenty of water.
Inhalation: Remove from exposure.
Other Information: None.

5. Firefighting Measures

Extinguishing Media: Not applicable.
Fire and Explosion Hazard: None- the fluid is not flammable.
Special Protective Equipment for Firefighters: Not applicable.

For Flammability Properties - refer to Section 9.

6. Accidental Release Measures

Wear appropriate protective clothing.

If local regulations permit, mop up with plenty of water and run to waste, diluting with large quantities of running water. Otherwise transfer to a container and arrange removal by an approved disposal company. Wash the site of spillage thoroughly with detergent and water.

7. Handling and Storage

Handling: No special requirements. Handle carefully to prevent spillage.
Storage: Store at room temperature (15-25 °C/59-77 °F recommended). Keep containers closed. Avoid direct sunlight and moisture.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : END POINT DETECTOR FLUID

8. Exposure Controls/Personal Protection

Exposure Limits:

Ingredient	ACGIH - TLV	OSHA - PEL	Occupational Exposure Limits EH40 (UK)
None	Not applicable	Not applicable	Not applicable

Personal Protection:

Engineering Measures:	None required under normal operating conditions.
Respiratory Protection:	None required under normal operating conditions.
Hand/Skin Protection:	Wear rubber or plastic gloves.
Eye/Face Protection:	Wear goggles or face shield.
Hygiene Measures:	Wash hands after use and before handling food.
Other/General Protection:	Wear plastic apron, sleeves and boots if handling large quantities.

9. Physical and Chemical Properties

Appearance and Odour	Clear blue, odourless liquid	Boiling Point	No data available	°C/°F
pH (as supplied)	No data available	Freezing Point	No data available	°C/°F
Solubility in Water	Miscible in all proportions	Auto Ignition	Not applicable	°C/°F
Volatile Content by Volume	No data available	Flash Point	Not applicable	°C/°F
Specific Gravity	1			
Vapour Pressure (mbar)	No data available	Vapour Pressure (Torr)	No data available	

10. Stability and Reactivity

Stability:	Stable.
Material/Conditions to Avoid:	Avoid strong oxidising agents.
Hazardous Decomposition:	None.
Hazardous Polymerisation:	No data available.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : END POINT DETECTOR FLUID

11. Toxicological Information

For a comprehensive description for the various toxicological (health) effects which may arise if the user comes into contact with the substance or preparation refer to Section 2 Hazards Identification.

Animal data:

LD50 value: No data available.

LC50 value: No data available.

Carcinogenicity:

No evidence of carcinogenic properties.

12. Ecological Information

No environmental hazard is anticipated provided that the fluid is handled and disposed of with due care and attention.

13. Disposal Considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations according to location. Contact your local waste authority for advice or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning or recycling.

14. Transport Information

This product is not classified as dangerous under transport regulations.

PARAMETER	EUROPEAN	CANADIAN TDG	UNITED STATES DOT
Proper Shipping Name	Not applicable	Not applicable	Not applicable
Hazard Class	Not applicable	Not applicable	Not applicable
Identification Number	Not applicable	Not applicable	Not applicable
Shipping Label	Not applicable	Not applicable	Not applicable

15. Regulatory Information

European Regulatory Information

This product has been classified in accordance with EU Regulation No 1272/2008 (as amended) on the Classification, Labelling and Packaging of Substances and Mixtures.

Classified as dangerous to supply: No.

Risk Phrases: Not applicable.

Safety Phrases: Not applicable.

Symbols: None.

MATERIAL SAFETY DATA SHEET

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United States Regulatory Information

All materials contained in this product are on the US Toxic Substances Control Act (TSCA).

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and 40 CFR Part 372.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

Canadian Regulatory Information

WHMIS Classification: Not applicable.

All ingredients in this product are included in the Canadian DSL.

16. Other Information

This MSDS is compiled in accordance with ANSI Z400.1 and Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Sources of information for this data sheet:

- SW Scientific Ltd. Safety Data Sheet for SW425.

Glossary:

ACGIH - American Conference of Governmental Industrial Hygienists; ANSI - American National Standards Institute; Canadian TDG - Canadian Transportation of Dangerous Goods; CAS - Chemical Abstracts Service; CFR - Code of Federal Regulations; Chemtrec - Chemical Transportation Emergency Center (US); DSL - Domestic Substances List; EEC - European Economic Community; EH40 (UK) - HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA - Emergency Planning and Community Right-to-Know Act; EU - European Union; HMIS - Hazardous Material Information Service; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OSHA - Occupational Safety and Health Administration, US Department of Labour; PEL - Permissible Exposure Limit; SARA (Title III) - Superfund Amendments and Reauthorization Act; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; US DOT - US Department of Transportation; WHMIS - Workplace Hazardous Materials Information System.

Revisions:

April 2009 - Data Sheet updated to reflect the latest supplier safety information.

June 2010 - Data Sheet updated to reflect current regulatory information.

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