



PlasmaFLOW Torch Coolant

1 - PRODUCT AND COMPANY IDENTIFICATION

Commercial Name	PlasmaFLOW
Supplier	Plasmatech (UK) Ltd 5 Heather Court Shaw Wood Way Doncaster South Yorkshire DN2 5YL
Telephone number	0845 2600 930

2 - COMPOSITION - INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>EC No.</u>	<u>Cas-No</u>	<u>Content</u>	<u>Classification</u>
Benzotriazole	202-394-1	95-14-7	<1%	Xn;R22.Xi;R36/37/38
Monopropylene Glycol	200-338-0	57-55-6	10-25%	-

The full text for all R-phrases are displayed in Section 16

3 - HAZARD IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation

4 - FIRST AID MEASURES

Inhalation:	Remove victim immediately from source of exposure. Get medical attention any discomfort continues
Ingestion:	Immediately rinse mouth and drink plenty of water (200-300ml). Get medical attention if any discomfort continues
Skin contact:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues
Eye contact:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. attention if any discomfort continues

5 - FIRE FIGHTING MEASURES

Extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials
Special fire fighting procedures:	Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources> Dike for water control
Specific hazards:	Oxides of: Carbon
Protective measures in fire:	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective clothing as described in section 8 of this data sheet. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
Environmental precautions:	Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the environmental Agency or other appropriate body.
Spill clean up methods:	Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 - HANDLING AND STORAGE

Usage precautions:	Avoid contact with skin and eyes. Provide good ventilation
Storage Precautions:	Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep in original container

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Name</u>	<u>TWA - 8 hrs</u>
Mompropylene Glycol	25 ppm / 79 mg/m ³

Protective equipment:





Engineering measures:	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
Respiratory equipment:	If ventilation is insufficient, suitable respiratory protection must be provided
Hand protection:	Protective gloves are recommended. The most suitable glove must be chosen in consultation with the gloves supplier who can inform about the breakthrough time of the glove material.
Eye protection:	Wear approved safety goggles
Other protection:	Wear rubber apron. Wear rubber footwear
Hygiene measures:	Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Eating, smoking and water fountains prohibited in immediate work area.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Clear
Odour:	No characteristic odour
Solubility in water:	Soluble in water
Relative density:	~1.01 20

10 - STABILITY AND REACTIVITY

Stability:	Suitable under normal; temperature conditions and recommended use.
Conditions to avoid:	Avoid excessive heat for prolonged periods of time.
Materials to avoid:	Strong oxidising substances. Strong acids. Strong alkalis.
Hazardous decomposition:	Oxides of: Carbon.

11 - TOXICOLOGICAL INFORMATION

Inhalation:	Vapours may irritate throat and respiratory system and cause coughing.
Ingestion:	May cause discomfort if swallowed
Skin contact:	Liquid may irritate skin
Eye contact:	Spray and vapour in the eyes may cause irritation and smarting.



12 - ECOLOGICAL INFORMATION

Ecotoxicity:	The product components are not classified as environmentally hazardous. This does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment
Mobility:	The product is miscible with water. May spread in water systems

13 - DISPOSAL CONSIDERATIONS

Methods of disposal:	Disposal according to the local legislation. Combustion in an incinerator for chemical waste.
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14 - TRANSPORT INFORMATION

General information:	When handling waste, consideration should be made to the safety precautions applying to handling of the product. Do not puncture or incinerate even when empty. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority
Disposal methods:	Dispose of waste and residues in accordance with local authority requirements.

15 - REGULATORY INFORMATION

Risk Phrases:	NC	Not classified
Safety Phrases:	P13	Safety data sheet available for professional user on request.
EU Directives:		Dangerous Preparations Directive 1999/45/EC
Statutory Instruments:		Chemicals (Hazard Information and Packaging) regulations
Approved Code of Practice:		Safety data sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes:		CHIP for everyone HSG (108)



16 - OTHER INFORMATION.

Risk phrases in full:	R22	Harmful if swallowed
	R36/37/38	Irritating to eyes, respiratory system and skin
	NC	Not classified

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