

Date	SAFETY DATA SHEET	Revision
6 Dec 2010		2.01CLP

1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier – 100% PG Torch Coolant Additive

GHS Product Identifier – **Not applicable.**

Chemical Name – **Not applicable.**

Trade name – **100% PG Torch Coolant Additive**

CAS No. – **Not applicable.**

EINECS No. – **Not applicable.**

REACH Registration No. - **Not available**

Relevant identified uses of the substance or mixture and uses advised against

Identified use(s) – **Industrial use only.**

Uses advised against - **Not available**

Details of the supplier of the safety data sheet

Hypertherm[®]


Company Identification – **Hypertherm**

Telephone - **++1 (603) 643-5638 (USA), +31 (0) 165 596 907 (Europe)**

E-Mail (competent person) - **technical.service@Hypertherm.com**

Address – **P.O. Box 5010, Hanover, NH 03755 USA (USA),**

Vaartveld 9, 4704 SE Roosendaal, Nederlands (Europe)

Emergency telephone number - (800) 255-3924 (USA), +1 (813) 248-0585 (International) 

2 - HAZARDS IDENTIFICATION

EC Classification	NONE	GHS Classification	NONE
		Signal word(s)	
NONE	NONE	NONE	NONE

According to Regulation (EC) No. 1272/2008 (CLP) - NONE

According to Directive 67/548/EEC & Directive 1999/45/EC - NONE

Preparation is not classified as hazardous in the sense of directive 1999/45/EC and 2006/121/EC.

Risk Phrases

NONE

Safety Phrases

NONE

Hazard statement(s)

NONE

Precautionary statement(s)

NONE

3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	%W/W	CAS No.	EC No.	EC Classification
Propylene Glycol	>80	57-55-6	200-338-0	NONE
GHS Classification				
Not classified				NONE

For full text of R phrases see section 16. For full text of H/P phrases see section 16.

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4 - FIRST AID MEASURES

Inhalation	Unlikely to be hazardous by inhalation unless present as an aerosol. Remove patient from exposure.
Skin Contact	Wash skin with water.
Eye Contact	If substance has gotten into the eyes, immediately wash out with plenty of water for several minutes.
Ingestion	Laxative. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.
Further Medical Treatment	Unlikely to be required but if necessary treat symptomatically.

5 - FIRE-FIGHTING MEASURES

Combustible but not readily ignited.

Extinguishing media	Extinguish preferably with dry chemical, foam or waterspray.
Unsuitable Extinguishing Media	None known.
Fire Fighting Protective Equipment	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.


6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions	Put on protective clothing.
Environmental Exposure Controls	Absorb spillages onto sand, earth or any suitable adsorbent material.
Other	None.

7 - HANDLING AND STORAGE

HANDLING	Unlikely to cause harmful effects under normal conditions of handling and use.
STORAGE	Keep container tightly closed and dry. Keep away from heat. Keep out of the reach of children. Keep away from oxidising agents.
Storage Temperature:	Ambient.
Storage Life:	Stable at ambient temperatures.
Specific use:	Industrial use only.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respirators	Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. A suitable dust mask or dust respirator with filter type A/P may be appropriate.
 Eye Protection	Safety spectacles.
Gloves	Wearing of chemical protective gloves is not necessary.
Body protection	None.
Engineering Controls	Ensure adequate ventilation to remove vapours, fumes, dust etc.
Other	None.

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OCCUPATIONAL EXPOSURE LIMITS

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Propylene Glycol	57-55-6	NE	10 *	NE	NE	AIHA WEEL in the USA

9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance - Viscous liquid.	Vapour Pressure (mm Hg) - <1 hPa @ 20°C (68°F)
Colour - Clear.	Vapour Density (Air=1) - Not available
Odour - Slight	Density (g/ml) – 1.0 ± 0.1 g/ml
Odour Threshold (ppm) - Not available	Solubility (Water) - Soluble
pH (Value) – 6.0-8.0 (Concentrated)	Solubility (Other) - Not established
Melting Point (°C) / Freezing Point (°C) - < -30°C / (< -22°F)	Partition Coefficient (n-Octanol/water) - Not available
Boiling point/boiling range (°C): - >120°C (> 248°F)	Auto Ignition Temperature (°C) - Not available
Flash Point (°C) - >95°C (>203°F)	Decomposition Temperature (°C) - Not available
Evaporation rate - Not available	Viscosity (mPa.s) - Not available
Flammability (solid, gas) - Non-flammable	Explosive properties - Not explosive
Explosive limit ranges - Not available	Oxidising properties - Not oxidising

Other information

None

10 - STABILITY AND REACTIVITY

Reactivity	None.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None.
Conditions to avoid	Heat. Keep away from moisture.
Incompatible materials	Keep away from oxidising agents.
Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide,

11 - TOXICOLOGICAL INFORMATION

11.1.1 Substances

Acute toxicity -

Ingestion	By comparison with an analogous product, the following values are anticipated. (Human)
Inhalation	Unlikely to be hazardous by inhalation.
Skin Contact	Mild irritant to rabbit skin.
Eye Contact	Mild irritant to the eye.
Hazard label(s)	None
Serious eye damage/irritation	Mild irritant to the eye.
Respiratory or skin sensitization	Mild irritant to rabbit skin.
Mutagenicity	Not known.
Carcinogenicity	IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.
Reproductive toxicity	Not known.
STOT-single exposure	Not known.
STOT-repeated exposure	Not known.
Aspiration hazard	Not known.

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12 - ECOLOGICAL INFORMATION

Toxicity -	None anticipated.
Persistence and degradability -	Biodegradable.
Bioaccumulative potential	None anticipated.
Mobility in soil	The product is predicted to have moderate mobility in soil.
Results of PBT and vPvB assessment	None assigned.
Other adverse effects	None anticipated.

13- DISPOSAL CONSIDERATIONS

Waste treatment methods - Disposal should be in accordance with local, state or national legislation. No special measures are required. No specific waste water pretreatment required.

Additional Information - None

14 - TRANSPORT INFORMATION

Not classified as dangerous for transport.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.

15 - REGULATORY INFORMATION

Not classified as dangerous for transport. Not classified as dangerous for supply/use.

USA

TSCA (Toxic Substance Control Act) - **Listed.**

SARA 302 - Extremely Hazardous Substances **Not applicable.**

SARA 313 - Toxic Chemicals - **Not applicable.**

SARA 311/312 - Hazard Categories - **None**

CERCLA (Comprehensive Environmental Response Compensation and Liability Act) - **Not applicable.**

CWA (Clean Water Act) – CWA 307 - Priority Pollutants - **None**

CAA (Clean Air Act 1990) - CAA 112 - Hazardous Air Pollutants (HAP) - **None**

Proposition 65 (California) - **Not applicable.**

State Right to Know Lists - **Not applicable.**

Canada

WHMIS Classification (Canada) - **Not classified**

CANADA INGREDIENT DISCLOSURE LIST - **Not applicable.**

Canada (DSL/NDSL) Listed.

EU

EINECS (Europe) - **Listed.**

Wassergefährdungsklasse (Germany) - **WGK class 1 (official).**

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16 - OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL Long Term Exposure Limit
STEL Short Term Exposure Limit
STOT Specific Target Organ Toxicity
DNEL Derived No Effect Level
PNEL Predicted No Effect Concentration

References:

Risk Phrases and Safety Phrases

None. Preparation is not classified as hazardous in the sense of directive 1999/45/EC and 2006/121/EC.

Hazard statement(s) and Precautionary statement(s).

None. Preparation is not classified as hazardous in the sense of directive 1999/45/EC and 2006/121/EC.

Training advice:

None.

Additional Information

USA - NFPA (National Fire Protection Association) - NFPA Rating: **Flammability-1, Health-0, Instability/Reactivity – 0.**

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Hypertherm gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Hypertherm accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.