

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
6 Dec 2010		2.01CLP

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

**Product identifier –Torch Coolant 30% PG Mixture**

GHS Product Identifier – **Not applicable.**

Chemical Name – **Not applicable.**

Trade name – **Torch Coolant 30% PG Mixture**

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**


Company Identification – **Hypertherm**

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

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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)** 

**Hypertherm®**

## 2 - HAZARDS IDENTIFICATION

<b>EC Classification</b>	<b>NONE</b>	<b>GHS Classification</b>	<b>NONE</b>
		Signal word(s)	
<b>NONE</b>	<b>NONE</b>	<b>NONE</b>	<b>NONE</b>

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 1	%W/W	CAS No.	EC No.	EC Classification
Propylene Glycol	30-50	57-55-6	200-338-0	<b>NONE</b>
<b>GHS Classification</b>				
Not classified				<b>NONE</b>
HAZARDOUS INGREDIENT 2	%W/W	CAS No.	EC No.	EC Classification
Benzotriazole	<1.0	95-14-7	202-394-1	<b>Xn, F</b>
<b>GHS Classification</b>				
<b>WARNING</b>   <b>Acute Tox. 4 (Oral, Dermal, Inhalation)</b> <b>Eye Irrit. 2, Aquatic Chronic 3</b>				<b>H302,312,319,332,412</b>

For full text of R phrases see section 16. For full text of H/P phrases see section 16. Non-hazardous components are not listed.

Date	SAFETY DATA SHEET	Revision
6 Dec 2010	Torch Coolant 30% PG Mixture	2.01CLP

#### 4 - FIRST AID MEASURES

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

#### 5 - FIRE-FIGHTING MEASURES

Combustible but not readily ignited.

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


#### 6 - ACCIDENTAL RELEASE MEASURES

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

#### 7 - HANDLING AND STORAGE

<b>HANDLING</b>	Unlikely to cause harmful effects under normal conditions of handling and use.
<b>STORAGE</b>	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

<b>Respirators</b>	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.
 <b>Eye Protection</b>	Safety spectacles.
<b>Gloves</b>	Wearing of chemical protective gloves is not necessary.
<b>Body protection</b>	None.
<b>Engineering Controls</b>	Ensure adequate ventilation to remove vapours, fumes, dust etc.
<b>Other</b>	None.

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
6 Dec 2010	Torch Coolant 30% PG Mixture	2.01CLP

## OCCUPATIONAL EXPOSURE LIMITS

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Propylene Glycol	57-55-6	NE	10 *	NE	NE	AIHA WEEL in the USA
Benzotriazole	95-14-7	NE	NE	NE	NE	None

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance - <b>Liquid.</b>	Vapour Pressure (mm Hg) - - <b>Not available</b>
Colour - <b>Pinkish - Reddish.</b>	Vapour Density (Air=1) - <b>Not available</b>
Odour - <b>Slight</b>	Density (g/ml) – <b>1.0 ± 0.1 g/ml</b>
Odour Threshold (ppm) - <b>Not available</b>	Solubility (Water) - <b>Soluble</b>
pH (Value) – <b>5.5-7.0</b> (Concentrated)	Solubility (Other) - <b>Not established</b>
Melting Point (°C) / Freezing Point (°C) - <b>&lt; -0°C / (&lt; 32°F)</b>	Partition Coefficient (n-Octanol/water) - <b>Not available</b>
Boiling point/boiling range (°C): <b>&gt;100°C (&gt;212°F)</b>	Auto Ignition Temperature (°C) - <b>Not available</b>
Flash Point (°C) - <b>&gt;95°C (&gt;203°F)</b>	Decomposition Temperature (°C) - <b>Not available</b>
Evaporation rate - <b>Not available</b>	Viscosity (mPa.s) - <b>Not available</b>
Flammability (solid, gas) - <b>Non-flammable</b>	Explosive properties - <b>Not explosive</b>
Explosive limit ranges - <b>Not available</b>	Oxidising properties - <b>Not oxidising</b>

### Other information

None

## 10 - STABILITY AND REACTIVITY

<b>Reactivity</b>	None.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None.
<b>Conditions to avoid</b>	None anticipated.
<b>Incompatible materials</b>	Keep away from oxidising agents.
<b>Hazardous Decomposition Product(s)</b>	Carbon monoxide, Carbon dioxide, Nitrogen oxides

## 11 - TOXICOLOGICAL INFORMATION

### 11.1.1 Substances

#### Acute toxicity -

Ingestion	Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.
Inhalation	Unlikely to be hazardous by inhalation.
Skin Contact	Mild irritant to rabbit skin.
Eye Contact	Mild irritant to the eye.
<b>Hazard label(s)</b>	None
<b>Serious eye damage/irritation</b>	Mild irritant to the eye.
<b>Respiratory or skin sensitization</b>	Mild irritant to rabbit skin.
<b>Mutagenicity</b>	Not known.
<b>Carcinogenicity</b>	IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.
<b>Reproductive toxicity</b>	Not known.
<b>STOT-single exposure</b>	Not known.
<b>STOT-repeated exposure</b>	Not known.
<b>Aspiration hazard</b>	Not known.

Date	SAFETY DATA SHEET	Revision
6 Dec 2010	Torch Coolant 30% PG Mixture	2.01CLP

## 12 - ECOLOGICAL INFORMATION

<b>Toxicity -</b>	Do not let this chemical/product enter the environment..
<b>Persistence and degradability -</b>	Biodegradable.
<b>Bioaccumulative potential</b>	None anticipated.
<b>Mobility in soil</b>	The product is predicted to have moderate mobility in soil.
<b>Results of PBT and vPvB assessment</b>	None assigned.
<b>Other adverse effects</b>	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 – **CAS No. 95-14-7 Listed in MA, NJ, PA.**

### Canada

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

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

Canada (DSL/NDSL) **Listed.**

### EU

EINECS (Europe) - **Listed.**

Wassergefährdungsklasse (Germany) - **NONE**

Date	SAFETY DATA SHEET	Revision
6 Dec 2010	Torch Coolant 30% PG Mixture	2.01CLP

## 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.**

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