

(11110)

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
25 June 2013	Torch Coolant 30% PG Mixture	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)**

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**

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

**APPROVED MATERIAL**  
  
FEB 13 2014  
MSDS # 1110  
APPROVED BY *[Signature]*

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
25 June 2013	Torch Coolant 30% PG Mixture	2.01CLP

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

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.

### 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 water spray
<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

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
25 June 2013	<b>Torch Coolant 30% PG Mixture</b>	2.01CLP

**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 oxidizing 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 vapors, fumes, dust etc.
	<b>Other</b>	None.

**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:
<b>Propylene Glycol</b>	<b>57-55-6</b>	<b>NE</b>	<b>10 *</b>	<b>NE</b>	<b>NE</b>	<b>AIHA WEEL in the USA</b>
<b>Benzotriazole</b>	<b>95-14-7</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>None</b>

**9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Appearance – <b>Liquid</b>	Vapor Pressure (mm Hg) – <b>Not available</b>
Color – <b>Pinkish – Reddish</b>	Vapor Density (Air=1) – <b>Not available</b>
Odor – <b>Slight</b>	Density (g/ml) – <b>1.0 ± 0.1 g/ml</b>
Odor Threshold (ppm) – <b>Not available</b>	Solubility (Water) – <b>Soluble</b>
pH (Value) – <b>5.5-7.0 (Concentrated)</b>	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>	Oxidizing properties – <b>Not oxidizing</b>
Other information – <b>None</b>	

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
25 June 2013	Torch Coolant 30% PG Mixture	2.01CLP

**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 oxidizing agents
<b>Hazardous Decomposition Product(s)</b>	Carbon monoxide, Carbon dioxide, Nitrogen oxides

**11 – TOXICOLOGICAL INFORMATION**

**11.1.1 – Substances**

<b>Acute toxicity</b>	
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

**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

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
25 June 2013	Torch Coolant 30% PG Mixture	2.01CLP

### 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 – ECOLOGICAL INFORMATION

#### 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.**

<b>Date</b>	<b>SAFETY DATA SHEET</b>	<b>Revision</b>
25 June 2013	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:**

<p><b>Risk Phrases and Safety Phrases</b> None. Preparation is not classified as hazardous in the sense of directive 1999/45/EC and 2006/121/EC.</p>
<p><b>Hazard statement(s) and Precautionary statement(s).</b> None. Preparation is not classified as hazardous in the sense of directive 1999/45/EC and 2006/121/EC.</p>
<p><b>Training advice – None.</b></p>
<p><b>Additional Information</b> USA - NFPA (National Fire Protection Association) - NFPA Rating: <b>Flammability-1, Health-0, Instability/Reactivity – 0.</b></p>
<p>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.</p>