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**I - IDENTIFICATION AND GENERAL DATA****Product details:****Trade name:**

Torch cooling liquid INDOOR

**Part-number:**

40,0009,0084

**Manufacturer/Supplier:**

Fronius International GmbH  
Günter Fronius Straße 1  
A-4600 Wels-Thalheim  
Tel.: +43 / (0)7242 / 241-0  
Fax: +43 / (0)7242 / 241-3940

**Office to contact for information:**

TSI (TechSupport International)  
Tel.: +43 / (0)7242 / 241-3440  
Fax: +43 / (0)7242 / 241-3930  
e-mail: welding.techsupport@fronius.com  
www.fronius.com

**Emergency hotline:**

Austrian Anti-Poison Center +43 / (0)1 / 4064343

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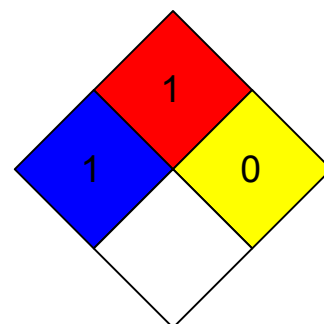
**II – PRODUCT AND COMPONENT DATA**

Components:	%	CAS NO.	ACGIH TLV
Ethanol	app. 2%	64-17-5	1000 ppm
Butanon (methyl ethyl ketone)	app. 0,015%	78-93-3	200 ppm
Water	app. 98%		none known

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**III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Appearance and color:</b>	liquid, colorless, alcohol-like odor
<b>Boiling point:</b>	206°F
<b>Vapor pressure:</b>	17.5mm Hg @ 20°C (water)
<b>Vapor density in air:</b>	less than (1 = Air)
<b>Evaporation rate:</b>	less than (Butyl Acetate = 1)
<b>Melting point:</b>	not applicable
<b>Specific gravity:</b>	app. 0,96
<b>Solubility:</b>	100% in water
<b>% Volatile by volume:</b>	not applicable
<b>% Solid:</b>	not applicable



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**VI – FIRE AND EXPLOSION HAZARD DATA**

<b>Flash point:</b>	> 200°F (Method TCC)
<b>Flammable limits in air:</b>	not determined
<b>Extinguishing agents:</b>	No special extinguishing agent required.
<b>Unusual fire and explosion hazards:</b>	none known
<b>Hazard Classification OSHA:</b>	Combustible Class IIIB

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**V – REACTIVITY DATA**

<b>Stability:</b>	stable
<b>Incompatibility:</b>	none known
<b>Hazardous decomposition products</b>	none
<b>Hazardous polymerization:</b>	will no occur
<b>Conditions to avoid:</b>	none

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**VI – HEALTH HAZARD DATA AND FIRST AID**

<b>Medical conditions aggravated by exposure:</b>	none known
<b>Acute toxicity:</b>	none known
<b>Inhalation:</b>	May irritate mucous membranes
<b>Skin:</b>	Skin contact may cause mild irritation.
<b>Eyes:</b>	Eye contact causes irritation.
<b>Ingestion:</b>	May cause nausea
<b>Chronic toxicity:</b>	none known
<b>FIRST AID:</b>	
<b>Inhalation:</b>	not applicable
<b>Skin:</b>	flush with water
<b>Eye:</b>	flush with water
<b>Ingestion:</b>	drink plenty of water and seek medical advice
<b>NOTE TO PHYSICIAN:</b>	none

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**VII – PERSONAL PROTECTION AND CONTROLS**

<b>Respiration protection:</b>	no special requirements
<b>Ventilation:</b>	no special requirements
<b>Skin protection:</b>	no special requirements
<b>Eye protection:</b>	wear safety glasses or splash goggles
<b>Other control measures:</b>	eyewash station should be available

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**VIII – SPILL, LEAK AND DISPOSAL PRACTICES**

<b>Steps to be taken in case material is released or spilled:</b>	Absorb with an inert ingredient such as sand, earth or vermiculite and dispose of in accordance with federal, state and local regulations.
<b>Waste disposal method:</b>	Consult with federal, state or local authorities for approved procedures.
<b>Precautions to be taken in handling and storing:</b>	Keep container tightly sealed. Store at room temperature.
<b>Other precautions:</b>	none

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**IX – TRANSPORTATION INFORMATION**

<b>International transportation regulation:</b>	Preparation is not covered by international regulations on the transport of dangerous goods.
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**X – NFPA RATING**

0 = least	1 = slight	2 = moderate	3 = high	4 = extreme
	<b>health</b>	<b>fire</b>	<b>reactivity</b>	
water	no rating	no rating	no rating	
ethanol	2	3	0	
Butanon (methyl ethyl ketone)	2	3	1	

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**ADDITIONAL INFORMATION**

The information given in this material safety data sheet are valid for the mentioned product only. It may no longer apply if the product is processed or mixed with other substances. This information is based on our present knowledge and is intended to describe the product with a view to the safety precautions to take.