SAFETY DATA SHEET

according to Regulation (EU) 2015/830

COOL GEL

SOL-780-1550R
SOL-780-1551R
SOL-780-1552R
SOL-780-2650E
SOL-780-2652G
SOL-780-2660J

Revision 17

Revision date 2020-02-14

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	COOL GEL 5LTR (SOL-780-1550R) COOL GEL 10LTR (SOL-780-1551R) COOL GEL 25LTR (SOL-780-1552R) COOL GEL 80ml (SOL-780-2650E) COOL GEL 500ml (SOL-780-2652G) COOL GEL 2LTR (SOL-780-2660J)

1.3. Details of the supplier of the safety data sheet

Supplier	Cromwell Group Holdings Ltd	**Manufacturer**	GreSolvent
Address	Wigston Leicester LE18 2FS England	**Address**	Unit C1A Wem Industrial Estate Soulton Road Wem Shropshire SY4 5SD England
Telephone	+44 (0) 116 288 8000	**Web**	WWW.GRESOLVENT.CO.UK
Fax	+44 (0) 116 288 8222	**Telephone**	+44 (0)1939 232326
		Fax	+44 (0)1939 232386
		Email	gresolvent@btconnect.com
		Email address of the competent person	gresolvent@btconnect.com

1.4. Emergency telephone number

Emergency telephone number	+44 (0)1939 232326 8.30 am - 5.30 pm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools.

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2.2. Label elements

	P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+P378 - In case of fire: Use carbon dioxide (CO_2) to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an appropriate waste site or reclaim (in accordance with local/regional/national/international regulation).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		40 - 50%	Flam. Liq. 2: H225;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	No irritation expected.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Ethanol	**WEL 8-hr limit ppm:** 1000	**WEL 8-hr limit mg/m3:** 1920
	WEL 15 min limit ppm: -	**WEL 15 min limit mg/m3:** -
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -
Ethanolamine (2-Aminoethanol)	**WEL 8-hr limit ppm:** 1	**WEL 8-hr limit mg/m3:** 2.5
	WEL 15 min limit ppm: 3	**WEL 15 min limit mg/m3:** 7.6
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -
Glycerol (Glycerol, mist)	**WEL 8-hr limit ppm:** -	**WEL 8-hr limit mg/m3:** 10
	WEL 15 min limit ppm: -	**WEL 15 min limit mg/m3:** -
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -
Isopropanol (Propan-2-ol)	**WEL 8-hr limit ppm:** 400	**WEL 8-hr limit mg/m3:** 999
	WEL 15 min limit ppm: 500	**WEL 15 min limit mg/m3:** 1250
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	In case of splashing, wear:. Approved safety goggles.
Skin protection - Handprotection	No precautions required to be mentioned.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Gel
Colour	Colourless
Odour	Alcoholic
pH	7.0+/-0.5
Melting point	Not determined
Initial boiling point	Not determined
Flash point	> 28.5
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	0.9
Partition coefficient	No data available
Autoignition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Softening point	Not determined
Pour point	Not determined
Sublimation Point	Not determined
Gas group	Not determined
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not determined

Water solubility

Slightly soluble in water.

SECTION 10: Stability and reactivity

10.1. Reactivity

Do NOT mix with any other product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Avoid sparks, flames, heat and sources of ignition.

10.4. Conditions to avoid

Do NOT allow to freeze. Protect from frost. Keep away from heat. Keep away from sources of ignition - No smoking. Keep in a cool, dry, well ventilated area.

10.5. Incompatible materials

Avoid sparks, flames, heat and sources of ignition.

10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes. Will not decompose if stored and used as recommended.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No Significant Hazard. May cause irritation to respiratory system.
Skin corrosion/irritation	May cause degreasing of the skin.
Serious eye damage/irritation	Only Irritating if spalashed into the eyes.
Respiratory or skin sensitisation	No Significant Hazard. May cause sensitisation by inhalation. May cause sensitisation by skin contact.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.

11.1.2. Mixtures

Do NOT mix with any other product.

11.1.3. Hazard Information

No known adverse health effects.

11.1.4. Toxicological Information

No data available

No known adverse health effects.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

Partition coefficient

COOL GEL No data available

12.4. Mobility in soil

No data is available on this product.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

For small quantities:. Flush down the drain with plenty of water. Dispose of in compliance with all local and national regulations.

Disposal of packaging

Containers can be recycled if in compliance with local and national regulations.

SECTION 14: Transport information

Hazard pictograms



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14.1. UN number

	UN1170

14.2. UN proper shipping name

	ETHYL ALCOHOL SOLUTION

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	III

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-D

IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 10 - 10.4. Conditions to avoid.

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Other information

	14 - ADR/RID.
Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Further information

	As the application of products is outside our control, the information is given without legal resposibility. Customers should test under their own conditions to ensure the products are suitable for their own requirements. The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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