



Kit SDS Cover Sheet

Product Name:

Item No(s):

Transport Information: **UN3316, Chemical Kit, Class 9, PG III**



*This shipping designation is for the chemical kit as a whole. For individual components, please refer to the corresponding component SDS.*

This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). If a component does not have a Safety Data Sheet included, the item falls under Hazard Communication [1910.1200(b)(6)], *Articles*, and does not require a Safety Data Sheet.

Kit Components:

For product information, please contact your Neogen Corporation Representative.  
For further information regarding this SDS, please contact [SDS@neogen.com](mailto:SDS@neogen.com).



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/6

## Alert® Methanol Vial 1

Revision 0  
Revision date 2019-07-08

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

#### 1.1. Product identifier

Product name	Alert® Methanol Vial 1
Product code	9530

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for laboratory use only.

#### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
----------------------------	----------------

#### Further information

Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).
-------------	---

### SECTION 2: Hazards identification

#### 2.2. Label elements

Hazard Statement	No Significant Hazard
------------------	-----------------------

### SECTION 3: Composition/information on ingredients

#### Description

No components need to be disclosed according to the applicable regulations. Concentrations listed are not product specifications.

#### Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

## Alert® Methanol Vial 1

Revision 0  
Revision date 2019-07-08

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING unless advised to do so by a doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

## 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

	Do not breathe dust or vapour.
--	--------------------------------

## 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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Use as appropriate: Protective equipment. Avoid prolonged or repeated exposure.
--	--

## 6.2. Environmental precautions

	Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.
--	---

## 6.3. Methods and material for containment and cleaning up

	Collect spillage. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.
--	---

## 6.4. Reference to other sections

	See section 2, 8 & 13 for further information.
--	--

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Read the entire label and follow all use directions, restrictions, and precautions. Use as appropriate: Protective clothing.
--	---

## Alert® Methanol Vial 1

Revision 0  
Revision date 2019-07-08

## 7.2. Conditions for safe storage, including any incompatibilities

	Store at temperatures between 2 °C and 8 °C. Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.
--	--

## 7.3. Specific end use(s)

	See Section 1.2 for further information.
--	--

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls



## 8.2.1. Appropriate engineering controls

	Ensure adequate ventilation of the working area. Provide eye wash station. Provide chemical shower.
--	---

## 8.2.2. Individual protection measures

	Use as appropriate: Protective equipment.
--	---

## Eye / face protection

	Use as appropriate: Suitable eye protection.
--	--

Skin protection -  
Handprotection

	Use as appropriate: Chemical-resistant gloves made of any waterproof material.
--	--

## Skin protection - Other

	Use as appropriate: Protective clothing.
--	--

## Respiratory protection

	In case of insufficient ventilation, wear suitable respiratory equipment.
--	---

## Occupational exposure controls

	Keep away from food, drink and animal feedingstuffs.
--	--

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder
<b>Colour</b>	White
<b>Odour</b>	Odourless/Slight
<b>Odour threshold</b>	No data available
<b>pH</b>	≈ 7.4
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	Not applicable.
<b>Flash point</b>	No data available
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	Not applicable.
<b>Solubility</b>	Soluble in water

## Alert® Methanol Vial 1

Revision 0  
Revision date 2019-07-08

## 9.2. Other information

VOC (Volatile organic compounds)	No data available
----------------------------------	-------------------

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
--	---

## 10.4. Conditions to avoid

	Keep away from extreme temperatures.
--	--------------------------------------

## 10.5. Incompatible materials

	No data available.
--	--------------------

## 10.6. Hazardous decomposition products

	Carbon oxides.
--	----------------

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-123. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No data available.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## SECTION 12: Ecological information

## 12.2. Persistence and degradability

	No data is available on this product.
--	---------------------------------------

## 12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

## Partition coefficient

	Alert® Methanol Vial 1 No data available
--	--

## Alert® Methanol Vial 1

Revision 0  
Revision date 2019-07-08

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

**SECTION 14: Transport information**

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

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

## Regulations

1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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**

## Further information

# Alert® Methanol Vial 1

Revision 0  
Revision date 2019-07-08

## Further information

DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/6

## Alert® Methanol Enzyme Solution, Ampoule

Revision 0  
Revision date 2019-07-08

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

#### 1.1. Product identifier

Product name	Alert® Methanol Enzyme Solution, Ampoule
Product code	9530

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for laboratory use only.

#### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
----------------------------	----------------

#### Further information

Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).
-------------	---

### SECTION 2: Hazards identification

#### 2.2. Label elements

Hazard Statement	No Significant Hazard
------------------	-----------------------

### SECTION 3: Composition/information on ingredients

#### Description

No components need to be disclosed according to the applicable regulations. Concentrations listed are not product specifications.

#### Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures



## Alert® Methanol Enzyme Solution, Ampoule

Revision 0  
Revision date 2019-07-08

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING unless advised to do so by a doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

## 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

	Do not breathe dust or vapour.
--	--------------------------------

## 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

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Use as appropriate: Protective equipment. Avoid prolonged or repeated exposure.
--	--

## 6.2. Environmental precautions

	Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.
--	---

## 6.3. Methods and material for containment and cleaning up

	Collect spillage. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.
--	---

## 6.4. Reference to other sections

	See section 2, 8 & 13 for further information.
--	--

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Read the entire label and follow all use directions, restrictions, and precautions. Use as appropriate: Protective clothing.
--	---

## Alert® Methanol Enzyme Solution, Ampoule

Revision 0  
Revision date 2019-07-08

## 7.2. Conditions for safe storage, including any incompatibilities

Store at temperatures between 2 °C and 8 °C. Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.

## 7.3. Specific end use(s)

See Section 1.2 for further information.

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls



## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area. Provide eye wash station. Provide chemical shower.

## 8.2.2. Individual protection measures

Use as appropriate: Protective equipment.

## Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection -  
Handprotection

Use as appropriate: Chemical-resistant gloves made of any waterproof material.

## Skin protection - Other

Use as appropriate: Protective clothing.

## Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure  
controls

Keep away from food, drink and animal feedingstuffs.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Yellow
<b>Odour</b>	Odourless/Slight
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Soluble in water

## Alert® Methanol Enzyme Solution, Ampoule

Revision 0  
Revision date 2019-07-08

## 9.2. Other information

VOC (Volatile organic compounds)	No data available
----------------------------------	-------------------

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
--	---

## 10.4. Conditions to avoid

	Keep away from extreme temperatures.
--	--------------------------------------

## 10.5. Incompatible materials

	No data available.
--	--------------------

## 10.6. Hazardous decomposition products

	Carbon oxides.
--	----------------

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-123. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No data available.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## SECTION 12: Ecological information

## 12.2. Persistence and degradability

	No data is available on this product.
--	---------------------------------------

## 12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

## Partition coefficient

	Alert® Methanol Enzyme Solution, Ampoule No data available
--	--

## Alert® Methanol Enzyme Solution, Ampoule

Revision 0  
Revision date 2019-07-08

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

**SECTION 14: Transport information**

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

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

## Regulations

1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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**

## Further information

# Alert® Methanol Enzyme Solution, Ampoule

Revision 0  
Revision date 2019-07-08

## Further information

DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/7

## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

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

#### 1.1. Product identifier

Product name	Alert® Methanol Beer Positive Control
Product code	9530

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for laboratory use only.

#### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
----------------------------	----------------

#### Further information

Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).
-------------	---

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Flam. Liq. 4: H227;
--------------------------------------	---------------------

#### 2.2. Label elements

Signal Word	Warning
Hazard Statement	Flam. Liq. 4: H227 - Combustible liquid.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Precautionary Statement: Response	P370+P378 - In case of fire: Use media appropriate to the surrounding conditions to extinguish.
Precautionary Statement: Storage	P403 - Store in a well-ventilated place.

## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

## 2.2. Label elements

<b>Precautionary Statement:</b> Disposal	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.
---	--

## 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		1 - 10%	Flam. Liq. 2: H225;
Methanol	603-001-00-X	67-56-1	200-659-6		0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370;

## Description

	Concentrations listed are not product specifications.
--	---

## Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
--	--

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	DO NOT INDUCE VOMITING unless advised to do so by a doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting.

## 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

	Combustible liquid. Move containers away from fire if it can be done without risk. Cool fire exposed containers with waterspray. Do not breathe dust or vapour.
--	---

## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

## SECTION 6: Accidental release measures

## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

## 6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Use as appropriate: Protective equipment. Avoid prolonged or repeated exposure.
--	--

## 6.2. Environmental precautions

	Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.
--	---

## 6.3. Methods and material for containment and cleaning up

	Collect spillage. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.
--	---

## 6.4. Reference to other sections

	See section 2, 8 & 13 for further information.
--	--

**SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Read the entire label and follow all use directions, restrictions, and precautions. Use as appropriate: Protective clothing.
--	---

## 7.2. Conditions for safe storage, including any incompatibilities

	Combustible liquid. Store at temperatures between 2 °C and 8 °C. Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.
--	--

## 7.3. Specific end use(s)

	See Section 1.2 for further information.
--	--

**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:
Methanol	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m3: 266
	WEL 15 min limit ppm: 250	WEL 15 min limit mg/m3: 333
	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



## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Provide eye wash station. Provide chemical shower.
8.2.2. Individual protection measures	Use as appropriate: Protective equipment.
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Handprotection	Use as appropriate: Chemical-resistant gloves made of any waterproof material.
Skin protection - Other	Use as appropriate: Protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear/Colourless
Odour	Alcoholic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	≈ -7 °C
Initial boiling point	No data available
Flash point	≈ 62 °C
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

VOC (Volatile organic compounds)	No data available
----------------------------------	-------------------

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

## 10.4. Conditions to avoid

Avoid sparks, flames, heat and sources of ignition. Keep away from extreme temperatures.

## 10.5. Incompatible materials

Combustible materials. Oxidising agents.

## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Carcinogenicity	Listed by the International Agency for Research on Cancer (IARC) as a Group 1 substance: known human carcinogen. (alcoholic beverages). Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No data available.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## 11.1.4. Toxicological Information

Ethanol	Oral Rat LD50: 10470 mg/kg Dermal Rabbit LD50: 15800 mg/kg	Oral Mouse LD50: 3450 mg/kg Inhalation Rat LC50/4 h: 30000 mg/kg
Methanol	Inhalation Rat LC50/6 h: 87.6 Dermal Rabbit LD50: 17100	Oral Rat LD50: 1187 Inhalation Rat LC50/4 h: 128.2

## SECTION 12: Ecological information

## 12.1. Toxicity

Ethanol	Algae EC50/72h: 275 mg/l Fathead minnows LC50/96h: 14200 mg/l	Daphnia LC50/48h: 5012 mg/l
Methanol	Daphnia EC50/48h: 10000.0000 mg/l Lepomis_Macrochirus LC50/96h: 15400 mg/L	Green algae EC50/96h: 22000 mg/L

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

Alert® Methanol Beer Positive Control	No data available	Ethanol	-0.349 log P
	Methanol		-0.77 log P

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## Further information

COMBUSTIBLE LIQUID AND VAPOR.  
U.S. DOT ships under NA 1993, Combustible liquid, n.o.s. (<10% Ethanol solution).

## SECTION 15: Regulatory information

## Alert® Methanol Beer Positive Control

Revision 0  
Revision date 2019-07-08

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

<b>Regulations</b>	1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).  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.
<b>U. S. State Regulations</b>	New Jersey Worker and Community Right to Know Act reportable substance(s): Ethyl alcohol. Pennsylvania Right to Know Law reportable substance(s): Ethanol. Rhode Island Right-to-Know General Law reportable substance(s): Ethyl alcohol.

## SECTION 16: Other information

## Other information

<b>Text of Hazard Statements in Section 3</b>	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Acute Tox. 3: H301 - Toxic if swallowed. Acute Tox. 3: H311 - Toxic in contact with skin. Acute Tox. 3: H331 - Toxic if inhaled. STOT SE 1: H370 - Causes damage to organs . STOT SE 2: H371 - May cause damage to organs .
---	---

## Further information

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
--	--

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/8

### Alert<sup>®</sup> Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

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

##### 1.1. Product identifier

Product name	Alert <sup>®</sup> Methanol Spirit Positive Control
Product code	9530

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for laboratory use only.

##### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

##### 1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
----------------------------	----------------

##### Further information


Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).
-------------	---

#### 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.

## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

## 2.2. Label elements

<b>Precautionary Statement: Response</b>	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. P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	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 media appropriate to the surrounding conditions to extinguish.
<b>Precautionary Statement: Storage</b>	P403+P235 - Store in a well-ventilated place. Keep cool.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations

## 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		30 - 40%	Flam. Liq. 2: H225;
Methanol	603-001-00-X	67-56-1	200-659-6		0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370;

## Description

Concentrations listed are not product specifications.

## Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	DO NOT INDUCE VOMITING unless advised to do so by a doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting.

## SECTION 5: Firefighting measures

## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

## 5.1. Extinguishing media

	In case of fire, use carbon dioxide (CO <sub>2</sub> ), Alcohol resistant foam, Dry chemical, Foam. Use extinguishing media appropriate to the surrounding fire conditions.
--	---

## 5.2. Special hazards arising from the substance or mixture

	In case of fire and/or explosion do not breathe fumes. Fire will produce dense black smoke. Vapour may travel considerable distance to source of ignition and flash back. Heat will increase pressure in sealed containers.
--	---

## 5.3. Advice for firefighters

	Flammable liquid and vapour. In case of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus and protective clothing.
--	--

**SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

	Flammable liquid. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid sparks, flames, heat and sources of ignition. Ensure adequate ventilation of the working area. Use as appropriate: Protective equipment. Avoid prolonged or repeated exposure.
--	--

## 6.2. Environmental precautions

	Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.
--	---

## 6.3. Methods and material for containment and cleaning up

	Flammable liquid. Absorb with inert, absorbent material. Collect spillage. Transfer to suitable, labelled containers for disposal. Dispose of this material and its container to hazardous or special waste collection point. Do not contaminate water by cleaning of equipment or disposal of wastes. Clean with detergents. Avoid solvents.
--	---

## 6.4. Reference to other sections

	See section 2, 8 & 13 for further information.
--	--

**SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Read the entire label and follow all use directions, restrictions, and precautions. Use as appropriate: Protective clothing.
--	---

## 7.2. Conditions for safe storage, including any incompatibilities

	Flammable liquid and vapour. Store at temperatures between 2 °C and 8 °C. Contact with combustible material may cause fire. Store in correctly labelled containers. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.
--	---

## 7.3. Specific end use(s)

	See Section 1.2 for further information.
--	--

**SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values


## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

## 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:	-
	Methanol	WEL 8-hr limit ppm:	200	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	250	WEL 15 min limit mg/m3:	333
	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. Provide eye wash station. Provide chemical shower.
8.2.2. Individual protection measures	Use as appropriate: Protective equipment.
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Handprotection	Use as appropriate: Chemical-resistant gloves made of any waterproof material.
Skin protection - Other	Use as appropriate: Protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from food, drink and animal feedingstuffs.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties



## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear/Colourless
<b>Odour</b>	Alcoholic
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	≈ -7 °C
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	≈ 26 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>VOC (Volatile organic compounds)</b>	No data available
---	-------------------

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
--	---

## 10.4. Conditions to avoid

	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
--	--

## 10.5. Incompatible materials

	Contact with combustible material may cause fire. Keep away from oxidising agents, Combustible materials.
--	---

## 10.6. Hazardous decomposition products

	Carbon oxides.
--	----------------

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
-----------------------	--

## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

## 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Carcinogenicity	Listed by the International Agency for Research on Cancer (IARC) as a Group 1 substance: known human carcinogen. (alcoholic beverages). Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No data available.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## 11.1.4. Toxicological Information

Ethanol	Oral Rat LD50: 10470 mg/kg Dermal Rabbit LD50: 15800 mg/kg	Oral Mouse LD50: 3450 mg/kg Inhalation Rat LC50/4 h: 30000 mg/kg
Methanol	Inhalation Rat LC50/6 h: 87.6 Dermal Rabbit LD50: 17100	Oral Rat LD50: 1187 Inhalation Rat LC50/4 h: 128.2

## SECTION 12: Ecological information

## 12.1. Toxicity

Ethanol	Algae EC50/72h: 275 mg/l Fathead minnows LC50/96h: 14200 mg/l	Daphnia LC50/48h: 5012 mg/l
Methanol	Daphnia EC50/48h: 10000.0000 mg/l Lepomis_Macrochirus LC50/96h: 15400 mg/L	Green algae EC50/96h: 22000 mg/L

## 12.2. Persistence and degradability

	No data is available on this product.
--	---------------------------------------

## 12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

## Partition coefficient

	Alert® Methanol Spirit Positive Control Methanol -0.77 log P	Ethanol -0.349 log P
--	---	----------------------

## 12.4. Mobility in soil

	No data is available on this product.
--	---------------------------------------

## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
--	---------------------------------------

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

	Dispose of as special waste in compliance with local and national regulations.
--	--

## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

## Disposal methods

	Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.
--	---

## Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
--	--

## SECTION 14: Transport information

## Hazard pictograms

	
--	---

## 14.1. UN number

	UN1170
--	--------

## 14.2. UN proper shipping name

	ETHANOL 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

## Alert® Methanol Spirit Positive Control

Revision 0  
Revision date 2019-07-08

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

<b>Regulations</b>	<p>1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).</p> <p>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.</p>
<b>U. S. State Regulations</b>	<p>New Jersey Worker and Community Right to Know Act reportable substance(s): Ethyl alcohol.</p> <p>Pennsylvania Right to Know Law reportable substance(s): Ethanol.</p> <p>Rhode Island Right-to-Know General Law reportable substance(s): Ethyl alcohol.</p>

**SECTION 16: Other information**

## Other information

<b>Text of Hazard Statements in Section 3</b>	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Acute Tox. 3: H301 - Toxic if swallowed.</p> <p>Acute Tox. 3: H311 - Toxic in contact with skin.</p> <p>Acute Tox. 3: H331 - Toxic if inhaled.</p> <p>STOT SE 1: H370 - Causes damage to organs .</p> <p>STOT SE 2: H371 - May cause damage to organs .</p>
---	--

## Further information

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
--	--