



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 further information, please contact your Neogen Corporation Representative.



SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Alert® for Sulfites Activator Solution

Revision 0
Revision date 2019-01-14

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

1.1. Product identifier

| | |
|--------------|--|
| Product name | Alert® for Sulfites Activator Solution |
| Product code | 9500 |

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. For use with kit 9500 Alert® for Sulfites in Seafood. |

1.3. Details of the supplier of the safety data sheet

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | No irritation expected. Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water. Contact lenses should be removed. |
| Skin contact | No irritation expected. Rinse immediately with plenty of water. |

Alert® for Sulfites Activator Solution

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Revision date 2019-01-14**4.1. Description of first aid measures**

| | |
|-----------|--|
| Ingestion | DO NOT INDUCE VOMITING unless advised to do so by a doctor. Never give anything by mouth to an unconscious person. |
|-----------|--|

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

| | |
|--------------|---|
| Inhalation | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Eye contact | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Skin contact | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Ingestion | If you feel unwell, seek medical advice (show the label where possible). |

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

| | |
|--|--|
| | This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions. |
|--|--|

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. |
|--|--|

6.2. Environmental precautions

| | |
|--|--|
| | Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. |
|--|--|

6.3. Methods and material for containment and cleaning up

| | |
|--|---|
| | Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. |
|--|---|

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. |
|--|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep refrigerated. Keep container tightly closed. Keep only in the original container. |
|--|--|

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. |
|--|--|

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8.2. Exposure controls

| | |
|---------------------------------------|---|
| 8.2.2. Individual protection measures | Use as appropriate: Protective clothing. |
| Eye / face protection | Use as appropriate: Suitable eye protection. |
| Skin protection - Handprotection | Use as appropriate: Chemical resistant gloves. |
| 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 | Odourless |
| Odour threshold | No data available |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Initial boiling point | No data available |
| Flash point | No data available |
| 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 | Not applicable. |
| Oxidising properties | Not applicable. |
| 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. |
|--|---------------------------------|

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

| | |
|--|------------------------|
| | No Significant Hazard. |
|--|------------------------|

10.4. Conditions to avoid

| | |
|--|----------------------|
| | Keep away from heat. |
|--|----------------------|

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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 | No Significant Hazard. |
| Skin corrosion/irritation | No irritation expected. |
| Serious eye damage/irritation | No irritation expected. |
| Germ cell mutagenicity | No Significant Hazard. |
| Carcinogenicity | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity | No Significant Hazard. |
| STOT-single exposure | No Significant Hazard. |
| STOT-repeated exposure | No Significant Hazard. |
| Aspiration hazard | No Significant Hazard. |
| Repeated or prolonged exposure | Avoid prolonged or repeated exposure. |

11.1.2. Mixtures

Caution - substance not yet fully tested.

11.1.4. Toxicological Information

No data available

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

No data is available on this product.

Partition coefficient

Alert® for Sulfites Activator Solution No data available

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.

12.6. Other adverse effects

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12.6. Other adverse effects

Caution - substance not yet fully tested.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all. local and national regulations.

Disposal methods

Dispose of in compliance with all. local and national regulations.

Disposal of packaging

Dispose of in compliance with all. local and national regulations.

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

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

All chemicals in this product are TSCA listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

US State Regulations:

New Jersey Right-to-Know Hazardous Substance List:
This material contains no reportable componentsPennsylvania Right-to-Know Hazardous Substance List:
This material contains no reportable components.Rhode Island Right-to-Know Hazardous Substance List:
This material contains no reportable components.

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SECTION 16: Other information

Further information

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SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Alert® for Sulfites Dye Reagent

Revision 0
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|--------------|---------------------------------|
| Product name | Alert® for Sulfites Dye Reagent |
| Product code | 9500 |

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. For use in Kit 9500-Alert® for Sulfites in Seafood. |

1.3. Details of the supplier of the safety data sheet

| | |
|-----------|---|
| Company | Neogen Corporation |
| Address | 620 Leshar Place Lansing MI 48912 USA |
| Web | www.neogen.com |
| Telephone | 517-372-9200/800-234-5333 |
| Email | regulatorysupport@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. 2: H225; STOT SE 1: H370; |
|--------------------------------------|--------------------------------------|

2.2. Label elements

| | |
|-------------------|---|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Flam. Liq. 2: H225 - Highly flammable liquid and vapour. STOT SE 1: H370 - Causes damage to organs . |

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2.2. Label elements

| | |
|--|---|
| Precautionary Statement: Prevention | P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. |
| Precautionary Statement: Storage | P405 - Store locked up. |
| Precautionary Statement: 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 |
|---------------|--------------|---------|-----------|---------------------------|--------------|--|
| Methanol | 603-001-00-X | 67-56-1 | 200-659-6 | | 80 - 90% | Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370; |

Further information

| | |
|--|--|
| | The exact percentage (concentration) of composition has been withheld as a trade secret. |
|--|--|

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | May cause irritation to mucous membranes. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist. |
| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. |
| Skin contact | May cause irritation to skin. Wash with soap and 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. Causes damage to human organs. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. If you feel unwell, seek medical advice (show the label where possible). |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Self-contained breathing apparatus. Wear protective clothing. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all |
|--|--|

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6.1. Personal precautions, protective equipment and emergency procedures

sources of ignition. Evacuate personnel to a safe 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

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

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

| | | |
|----------|--|--|
| 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



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection -
Handprotection

Wear suitable protective clothing and gloves.

Respiratory protection

Wear suitable respiratory equipment when necessary.

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 | Liquid |
| Colour | Clear/Yellow |
| Odour | Alcoholic |
| Odour threshold | No data available |
| pH | No data available |
| Melting point | -98 °C |
| Initial boiling point | 64 - 65 °C |
| Flash point | 9.7 °C |
| Evaporation rate | 6.3 g/min |
| Flammability (solid, gas) | Not applicable. |
| Upper Explosive Limit | 36.5 % |
| Lower Explosive Limit | 5.5 % |
| Vapour pressure | 128 Pa |
| Vapour density | 1.11 |
| Relative density | 0.79 (H ₂ O = 1 @ 20 °C) |
| Partition coefficient (n-octanol/water) | -0.77 log P oct/wat |
| Autoignition temperature | 455 °C |
| Viscosity | 0.54 sec. 3 mm (ISO 2431) |
| Oxidising properties | No data available |
| Solubility | Soluble in water |

9.2. Other information

| | |
|---|-------------------|
| Conductivity | < 1 S/m |
| 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

| | |
|--|--------------------------------------|
| | Keep away from combustible material. |
|--|--------------------------------------|

10.4. Conditions to avoid

| | |
|--|-------------------------------|
| | Heat, sparks and open flames. |
|--|-------------------------------|

10.5. Incompatible materials

| | |
|--|--------------------------|
| | Strong oxidising agents. |
|--|--------------------------|

SECTION 11: Toxicological information

11.1.4. Toxicological Information

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

SECTION 12: Ecological information

12.1. Toxicity

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12.1. Toxicity

No data available

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

Partition coefficient

Methanol -0.77 log P

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1230

14.2. UN proper shipping name

METHANOL (Methanol solution)

14.3. Transport hazard class(es)

| | |
|-----------------|-----|
| ADR/RID | 3 |
| Subsidiary risk | 6.1 |
| IMDG | 3 |
| Subsidiary risk | 6.1 |
| IATA | 3 |
| Subsidiary risk | 6.1 |

14.4. Packing group

Packing group II

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

ADR/RID

| | |
|-----------------|-------|
| Hazard ID | 336 |
| Tunnel Category | (D/E) |

IMDG

EmS Code F-E S-D

IATA

Packing Instruction (Cargo) 364

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IATA

| | |
|------------------------------------|------|
| Maximum quantity | 60 L |
| Packing Instruction (Passenger) | 352 |
| Maximum quantity | 1 L |

SECTION 15: Regulatory information

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

| | |
|--------------------|---|
| Regulations | <p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <p>All chemicals in this product are TSCA listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.</p> <p>US State Regulations: New Jersey Right-to-Know Hazardous Substance List: Methanol</p> <p>Pennsylvania Right-to-Know Hazardous Substance List: Methanol.</p> <p>Rhode Island Right-to-Know Hazardous Substance List: Methanol.</p> <p>California Proposition 65: WARNING: Reproductive effects - www.P65Warnings.ca.gov.</p> |
|--------------------|---|

SECTION 16: Other information

Other information

| | |
|---|--|
| Text of Hazard Statements in Section 3 | <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> |
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