



# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

Page 1/12

## Synergize®

Revision 9  
Revision date 2020-06-22

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

#### 1.1. Product identifier

|                  |                       |
|------------------|-----------------------|
| Product name     | Synergize®            |
| Product code     | 433600, 333600-EXP    |
| Registration No. | EPA Reg. No. 66171-7. |

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

|             |  |
|-------------|--|
| Product Use | [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC8] Biocidal products (e.g. Disinfectants, pest control); |
| Description | Disinfectant.  |

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

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

#### 1.4. Emergency telephone number

|  |  |
|--|--|
|  | 24 hours:<br>Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)<br>Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international) |
|--|--|

#### Further information

|  |   |
|--|---|
|  | Manufactured By:.<br>Preserve International<br>944 Nandino Blvd.<br>Lexington, KY 40511-1205 U.S.A.<br><br>Preserve International is a wholly-owned subsidiary of Neogen Corporation. |
|--|---|

### SECTION 2: Hazards identification

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


|                             |  |
|-----------------------------|--|
| 2.1.2. Classification - GHS | Acute Tox. 4: H302; Skin Corr. 1C: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Resp. Sens. 1: H334; Aquatic Chronic 1: H410; |
|-----------------------------|--|

#### 2.2. Label elements

## Synergize®

Revision 9  
Revision date 2020-06-22

## 2.2. Label elements

|                                     |   |
|-------------------------------------|---|
| Hazard pictograms                   |   |
| Signal Word                         | Danger  |
| Hazard Statement                    | <p>Acute Tox. 4: H302 - Harmful if swallowed.<br/>         Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.<br/>         Skin Sens. 1: H317 - May cause an allergic skin reaction.<br/>         Acute Tox. 4: H332 - Harmful if inhaled.<br/>         Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.<br/>         Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>   |
| Precautionary Statement: Prevention | <p>P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br/>         P264 - Wash thoroughly after handling.<br/>         P270 - Do not eat, drink or smoke when using this product.<br/>         P272 - Contaminated work clothing should not be allowed out of the workplace.<br/>         P273 - Avoid release to the environment.<br/>         P280 - Wear protective gloves/protective clothing/eye protection/face protection.<br/>         P284 - [In case of inadequate ventilation] wear respiratory protection.</p>   |
| Precautionary Statement: Response   | <p>P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br/>         P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br/>         P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br/>         P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br/>         P312 - Call a POISON CENTER/doctor/ if you feel unwell.<br/>         P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br/>         P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ .<br/>         P363 - Wash contaminated clothing before reuse.</p> |
| Precautionary Statement: Disposal   | P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations   |

## 2.3. Other hazards

|               |  |
|---------------|--|
| Other hazards | May be harmful if absorbed through the skin. Read the entire label and follow all use directions, restrictions, and precautions. |
|---------------|--|

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## Synergize®

Revision 9  
Revision date 2020-06-22

## 3.2. Mixtures

## EC 1272/2008

| Chemical Name                          | Index No. | CAS No.     | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification   |
|--|-----------|-------------|-----------|---------------------------|--------------|--|
| Nonylphenoxypolyethoxy ethanol         |           | 127087-87-0 | 500-315-8 |                           | 1 - 10%      | Acute Tox. 4: H302+H332;<br>Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411;  |
| Alkyl dimethylbenzyl ammonium chloride |           | 68391-01-5  | 269-919-4 |                           | 26.0%        | Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;   |
| Glutaraldehyde                         |           | 111-30-8    | 203-856-5 |                           | 7.0%         | Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317; Eye Dam. 1: H318; Acute Tox. 2: H330; Resp. Sens. 1: H334; STOT SE 3: H335; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; |
| Citric acid monohydrate                |           | 77-92-9     | 201-069-1 |                           | 1 - 10%      | Eye Dam. 1: H318;  |
| Terpineol 900                          |           | 98-55-5     | 202-680-6 |                           | 1 - 10%      | Acute Tox. 5: H303+H313; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;   |
| Pine oil                               |           | 8002-09-3   | 304-455-9 |                           | 1 - 10%      | Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Sens. 1: H317; Aquatic Chronic 1: H410;  |

## Description

|  |   |
|--|---|
|  | Included on the Candidate List of Substances of Very High Concern: [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0]. |
|  | Concentrations listed may not represent exact 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

|              |  |
|--------------|--|
| Inhalation   | Move the exposed person to fresh air. Immediate medical attention is required. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration.   |
| Eye contact  | Remove the affected person from the source of contamination immediately. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Contact lenses should be removed. Immediate medical attention is required.  |
| Skin contact | Remove the affected person from the source of contamination immediately. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Immediate medical attention is required. |
| Ingestion    | Rinse mouth thoroughly. Do not induce vomiting unless told to do so by the poison control center or doctor. Probable mucosal damage may contraindicate the use of gastric lavage. Never give anything by mouth to an unconscious person. Immediate medical attention is required.  |

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

|             |   |
|-------------|---|
| Inhalation  | Harmful if inhaled. Corrosive to the respiratory tract. Causes burns. In severe cases, may cause loss of consciousness. May cause irritation to mucous membranes. May cause dizziness and headache. |
| Eye contact | Risk of serious damage to eyes. Causes severe inflammation and may damage the cornea.   |

## Synergize®

Revision 9  
Revision date 2020-06-22**4.2. Most important symptoms and effects, both acute and delayed**

|              |  |
|--------------|--|
| Skin contact | Danger of very serious irreversible effects.   |
|              | Corrosive to living tissue. Causes skin burns. Danger of very serious irreversible effects.  |
| Ingestion    | Harmful if swallowed. Corrosive to living tissue. Causes severe burns. Danger of very serious irreversible effects. Ingestion may cause nausea and vomiting. |

**4.3. Indication of any immediate medical attention and special treatment needed**

|  |   |
|--|---|
|  | Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Immediate medical attention is required. If medical advice is needed, have product container or label at hand. |
|--|---|

**Further information**

|  |  |
|--|--|
|  | Refer to product label and/or package insert for additional information. |
|--|--|

**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 vapor or spray mist. Contains substance(s) which are hazardous to the environment. Do not allow undiluted product to be released to ground water, water course or sewage system. |
|--|---|

**5.3. Advice for firefighters**

|  |  |
|--|--|
|  | In case of fire and/or explosion do not breathe fumes. Do not breathe vapor or spray mist. Wear self-contained breathing apparatus and chemical-protective clothing. |
|--|--|

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

|  |   |
|--|---|
|  | In the case of cleanup following a spill, wear protective clothing and appropriate equipment to prevent exposure of skin and eyes and to prevent ingestion or inhalation. Ensure adequate ventilation of the working area. Keep personnel away from spill. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Keep away from incompatible materials. |
|--|---|

**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**

|  |   |
|--|---|
|  | 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. 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(s) 2, 8, and 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. Handle and open container with care. Do not breathe vapor or spray mist. Ensure adequate ventilation of the working area. In case of insufficient ventilation, wear suitable respiratory equipment. Causes eye damage and skin damage. Wear chemical protective clothing. Wear goggles or face shield and |
|--|---|

## Synergize®

Revision 9  
Revision date 2020-06-22

## 7.1. Precautions for safe handling

rubber gloves when handling this product. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Contaminated work clothing should not be allowed out of the workplace. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not eat, drink or smoke in areas where this product is used or stored.

Read the entire label and follow all use directions, restrictions, and precautions.

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

Do not contaminate water, food, or feed by storage or disposal.

Store in original container in a cool, dry place inaccessible to children and pets. Keep container tightly closed. Keep containers closed and away from other chemicals. Do not store with incompatible substances or mixtures. Follow label instructions.

## 7.3. Specific end use(s)

See Section(s) 1.2 for further information.

## Further information

Refer to product label and/or package insert for additional information. Follow label instructions.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## Exposure Limit Values

|                |                           |                            |
|----------------|---------------------------|----------------------------|
| Glutaraldehyde | ACGIH TLV TWA: -          | ACGIH TLV STEL: C 0.05 ppm |
|                | Notations: SEN; A4        | OSHA PEL 8hr TWA ppm: -    |
|                | OSHA PEL 8hr TWA mg m3: - | Skin Designation: -        |
|                | NIOSH REL 10hr TWA ppm:   | NIOSH REL 10hr TWA mg m3:  |
|                | NIOSH REL 15 min ST ppm:  | NIOSH REL 15 min ST mg m3: |

## 8.2. Exposure controls



|                                   |  |
|-----------------------------------|--|
| Appropriate engineering controls  | Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.  |
| Individual protection measures    | Wear chemical protective clothing.   |
| Eye / face protection             | Wear: Approved safety goggles, Face shield.  |
| Skin protection - Hand protection | Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.   |
| Skin protection - Other           | After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.  |
| Respiratory protection            | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| Occupational exposure controls    | Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Provide chemical shower. Provide eye wash station.<br>Protect clothing from contact with the product. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of food or feedstuffs. |

## Synergize®

Revision 9  
Revision date 2020-06-22

## Further information

|  |  |
|--|--|
|  | Refer to product label for additional PPE requirements and recommendations. Follow label instructions. |
|--|--|

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|                                 |                         |
|---------------------------------|-------------------------|
| <b>State</b>                    | Liquid                  |
| <b>Color</b>                    | Clear/Light yellow      |
| <b>Odor</b>                     | Characteristic/Aromatic |
| <b>Odor threshold</b>           | No data available       |
| <b>pH</b>                       | 4.7 - 5.5               |
| <b>Melting point</b>            | No data available       |
| <b>Freezing Point</b>           | No data available       |
| <b>Boiling point</b>            | No data available       |
| <b>Flash point</b>              | Not applicable.         |
| <b>Evaporation rate</b>         | No data available       |
| <b>Flammability limits</b>      | Not applicable.         |
| <b>Vapor pressure</b>           | No data available       |
| <b>Vapor density</b>            | No data available       |
| <b>Relative density</b>         | 1.03 - 1.04             |
| <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>Oxidizing properties</b>     | No data available       |
| <b>Solubility</b>               | Soluble in water        |

## 9.2. Other information

|   |                 |
|---|-----------------|
| <b>VOC (Volatile organic compounds)</b> | Not applicable. |
|---|-----------------|

## 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. |
|--|----------------|

## Synergize®

Revision 9  
Revision date 2020-06-22**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | Harmful by inhalation and if swallowed. May be harmful in contact with skin.   |
| <b>Skin corrosion/irritation</b>         | Corrosive to living tissue. Causes burns. Possible risk of irreversible effects. May cause dermatitis.   |
| <b>Serious eye damage/irritation</b>     | Causes severe burns. Causes severe inflammation and may damage the cornea. Possible risk of irreversible effects.  |
| <b>Respiratory or skin sensitization</b> | May cause allergic reactions in susceptible people.  |
| <b>Germ cell mutagenicity</b>            | Contains material(s) which may cause genetic defects. No mutagenic effects reported.   |
| <b>Carcinogenicity</b>                   | No components at >0.01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values.<br>Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen, [Terpene polychlorinates].<br>No components at >0.01% are listed in the National Toxicology Program (NTP) Report on Carcinogens.<br>Not listed in the OSHA standard 1910.1003 Carcinogens. |
| <b>Reproductive toxicity</b>             | Contains material(s) which may damage fertility or the unborn child.   |
| <b>STOT-single exposure</b>              | May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause oral mucosal irritation.  |
| <b>STOT-repeated exposure</b>            | Components(s) may cause damage to human organs based on animal data.   |
| <b>Aspiration hazard</b>                 | No Significant Hazard.   |
| <b>Repeated or prolonged exposure</b>    | Avoid prolonged or repeated exposure. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.  |

**11.1.2. Mixtures**

|  |   |
|--|---|
|  | See Section(s) 3 for further information. |
|--|---|

**11.1.3. Hazard Information**

|  |   |
|--|---|
|  | See Section(s) 2 and 3 for further information. |
|--|---|

**11.1.4. Toxicological information**

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

**11.1.5. Hazard Class**

|  |   |
|--|---|
|  | See Section(s) 2 and 4 for further information. |
|--|---|

**11.1.6. Classification Criteria**

|  |   |
|--|---|
|  | Based on the Globally Harmonized System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations. |
|--|---|

**11.1.7. Information on likely routes of exposure**

|  |   |
|--|---|
|  | Eye contact. Skin contact. Ingestion. Inhalation. |
|--|---|

**11.1.8. Symptoms related to the physical, chemical and toxicological characteristics**

|  |   |
|--|---|
|  | See Section(s) 4.2 for further information. |
|--|---|

**11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |   |
|--|---|
|  | See Section(s) 4.2 for further information. |
|--|---|

**11.1.10. Interactive effects**

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



## Synergize®

Revision 9  
Revision date 2020-06-22

## 11.1.11. Absence of specific data

|  |  |
|--|--|
|  | <1% of this mixture consists of ingredients of unknown acute toxicity. |
|--|--|

## 11.1.12. Mixture versus substance information

|  |   |
|--|---|
|  | See Section(s) 3 for further information. |
|--|---|

## 11.1.13. Other 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

|  |                              |
|--|------------------------------|
|  | Synergize® 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

|  |   |
|--|---|
|  | This product is extremely toxic to aquatic organisms, including fish and invertebrates. |
|--|---|

## Further information

|  |  |
|--|--|
|  | Refer to product label and/or package insert for additional information. |
|--|--|

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

|  |  |
|--|--|
|  | Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not discharge effluent containing this product to sewer systems. Follow label instructions. |
|--|--|

## Disposal methods

|  |   |
|--|---|
|  | Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water. Do not let product contaminate subsoil. |
|--|---|

## Disposal of packaging

|  |   |
|--|---|
|  | Nonrefillable container. Do not reuse or refill this container.<br>If empty: Do not reuse this container. Place in trash or offer for recycling, if available.<br>If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Can be recycled if in compliance with local and |
|--|---|



## Synergize®

Revision 9  
Revision date 2020-06-22

## Disposal of packaging

national regulations.

## Further information

Refer to product label and/or package insert for additional information. Follow label instructions.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1903

## 14.2. UN proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (Dimethyl dibenzyl ammonium chloride, Glutaraldehyde)

## 14.3. Transport hazard class(es)

|                 |   |
|-----------------|---|
| DOT             | 8 |
| Subsidiary risk | - |
| IMDG            | 8 |
| Subsidiary risk | - |
| IATA            | 8 |
| Subsidiary risk | - |

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

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

## DOT

|                 |     |
|-----------------|-----|
| Hazard ID       | 80  |
| Tunnel Category | (E) |

## IMDG

EmS Code F-A S-B

## IATA

|                                 |      |
|---------------------------------|------|
| Packing Instruction (Cargo)     | 856  |
| Maximum quantity                | 60 L |
| Packing Instruction (Passenger) | 852  |
| Maximum quantity                | 5 L  |

## SECTION 15: Regulatory information

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

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

|   |   |
|---|---|
| <p><b>Regulations</b></p> <p><b>Chemical Inventories/Right-to-Know Lists:</b></p> | <p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <hr/> <p>--International--</p> <p>Basel Convention (Hazardous Waste): H8, H12.</p> <p>Chemical Weapons Convention (OPCW): This material contains no reportable components.</p> <p>Kyoto Protocol Greenhouse Gases: This material contains no reportable components.</p> <p>Mercosur Agreement: Not applicable.</p> <p>Montreal Protocol: This material contains no reportable components.</p> <p>The Rotterdam Convention: This material contains no reportable components.</p> <p>The Stockholm Convention: This material contains no reportable components.</p> <p>--Asia and the ASEAN Nations--</p> <p>Catalog of Hazardous Chemicals (China): [2169, Glutaraldehyde (Pentanedial), CAS No. 111-30-8], Prohibited, [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0].</p> <p>Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision, Distribution, and Control of Hazardous Substances: This material contains no reportable components.</p> <p>Air Pollution Control Law (Japan): Hazardous substance / Priority chemicals, [Glutaraldehyde (Pentanedial), CAS No. 111-30-8].</p> <p>Chemical Substances Control Law (Japan): Priority Assessment, Class I environmental release, [Glutaraldehyde (Pentanedial), CAS No. 111-30-8], [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0]. Type II monitoring, No. 1033 [Glutaraldehyde (Pentanedial), CAS No. 111-30-8]. Type III monitoring, No. 43 [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0].</p> <p>Industrial Safety and Health Act, Dangerous Substances (Japan): Labeling/Notification required, Strong mutagenic substance, [Glutaraldehyde (Pentanedial), CAS No. 111-30-8].</p> <p>Poisonous and Deleterious Substances Act (Japan): This material contains no reportable components.</p> <p>Chemical Substances Subject to Permission (Korea): This material contains no reportable components.</p> <p>Restricted or Prohibited Substances (Korea): Restricted, [06-5-6, Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0].</p> <p>Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000 (Malaysia): Schedule I exposure standard, CLASS regulation, [Glutaraldehyde (Pentanedial), CAS No. 111-30-8].</p> <p>Philippine Inventory of Chemicals and Chemical Substances (PICCS): Toxic Substances and Hazardous and Nuclear Wastes Control Act (RA6969):, [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0].</p> <p>Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This material contains no reportable components.</p> <p>Hazardous Substances Act (Thailand): This material contains no reportable components.</p> <p>Law on Chemicals (Vietnam): This material contains no reportable components.</p> <p>--Australia and New Zealand--</p> <p>Australian Dangerous Goods Code: Class 8.</p> <p>Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt., Priority Existing Chemical, [PEC 3, Glutaraldehyde (Pentanedial), CAS No. 111-30-8].</p> <p>New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.</p> <p>--European Union (EU) and the United Kingdom (UK)--</p> <p>Authorization List (Annex XIV of REACH): Endocrine disrupting agent, [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0].</p> |
|---|---|

## Synergize®

Revision 9  
Revision date 2020-06-22

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

Annex XVII for REACH: Restricted, [Nonylphenoxypolyethoxy ethanol (nonylphenyl ethoxylates), CAS No. 127087-87-0].

Article 95 of the Biocidal Products Regulation (BPR): Applicable.

--North America--.

Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt.

Toxic Substances Control Act (TSCA): All ingredients listed or exempt.

Massachusetts Right-to-Know Hazardous Substance List: This material contains no reportable components.

New Jersey Worker and Community Right to Know Act: This material contains no reportable components.

Pennsylvania Right to Know Law: Pentanedial.

Rhode Island Right-to-Know General Law: Glutaraldehyde (Glutaral).

**\*\*California residents please note\*\*.**

**WARNING:** This product can expose you to chemicals, including Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Inventories

| Ingredient                   | TSCA | MA | SARA313 | CALPROP65 | CWA307 | CAA112 | CWA311 | SARA302 | SARA304 |
|------------------------------|------|----|---------|-----------|--------|--------|--------|---------|---------|
| Glutaraldehyde (Pentanedial) | Y    | N  | N       | N         | N      | N      | N      | N       | N       |

## Further information

## Additional Regulating Authority:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

## Signal Word

DANGER.

## Label Precautions

Keep out of reach of children.  
 Hazards to humans and domestic animals.  
 Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield and rubber gloves when handling this product. Wear respiratory protection. Wear protective clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

2 - Precautionary Statement: Prevention.

2 - Precautionary Statement: Response.

2 - Precautionary Statement: Storage.

9 - 9.1. Information on basic physical and chemical properties (Color).

## Acronyms

ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).

CAS No.: Chemical Abstracts Service.

## Synergize®

Revision 9  
Revision date 2020-06-22

## Other information

|  |   |
|--|---|
|  | <p>CLASS: Classification, Labeling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia).</p> <p>GHS: Globally Harmonized System.</p> <p>HCS 2012: Hazard Communication Standard (2012 revision).</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: International Civil Aviation Organization.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LD: Lethal dose.</p> <p>OEL: Occupational exposure limit.</p> <p>OSHA: U.S. Occupational Safety and Health Administration.</p> <p>PEL: Permissible Exposure Limit.</p> <p>REACH: Registration, Evaluation, Authorization, and Restriction of Chemicals.</p> <p>SVHC: Substance of very high concern.</p> <p>US DOT: United States Department of Transportation.</p> <p>VOC: Volatile Organic Compound.</p> <p>WEL: Workplace Exposure Limit.</p>   |
| Text of Hazard Statements in Section 3 | <p>Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> <p>Acute Tox. 3: H301 - Toxic if swallowed.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Acute Tox. 2: H330 - Fatal if inhaled.</p> <p>Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Acute Tox. 5 - H303+H313 - May be harmful if swallowed or in contact with skin.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</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, EXPRESSED 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> |
|--|--|