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## SAFETY DATA SHEET

#### **R 87**

| Section 1. Identificati  | on          |  |
|--|-------------|--|
| GHS product identifier<br>Chemical name<br>CAS number<br>Other means of identification | :           | R 87<br>Mixture<br>Mixture<br>VC10010105   |
| Product type   |             | solid  |
| <u>Relevant identified uses of the sub</u><br>Product use                              | stance<br>: | or mixture and uses advised against<br>Industrial applications. Plastics.  |
| Supplier's details   | :           | GEON Performance Solutions LLC<br>25777 Detroit Road Suite 202, Westlake, Ohio 44145                             |
| Emergency telephone number<br>(with hours of operation)                                | :           | 1-800-GET-GEON or 1-800-438-4366<br>CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident). |

## Section 2. Hazards identification

This mixture has not been evaluated as a whole for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.After handling, always wash hands thoroughly with soap and water.

| OSHA/HCS status                            | : | While this material is not considered hazardous by the OSHA Hazard<br>Communication Standard (29 CFR 1910.1200), this SDS contains<br>valuable information critical to the safe handling and proper use of the<br>product. This SDS should be retained and available for employees and<br>other users of this product. |
|--|---|--|
| Classification of the substance or mixture | : | Not classified.  |
| GHS label elements                         |   |  |

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| Signal word                      | : | No signal word.                                   |
|----------------------------------|---|---|
| Hazard statements                | : | No known significant effects or critical hazards. |
| Precautionary statements         |   |   |
| General                          | : | Not applicable.                                   |
| Prevention                       | : | Not applicable.                                   |
| Response                         | : | Not applicable.                                   |
| Storage                          | : | Not applicable.                                   |
| Disposal                         | : | Not applicable.                                   |
| Supplemental label elements      | : | None known.                                       |
| Hazards not otherwise classified | : | None known.                                       |
|                                  |   | Not available.                                    |

## Section 3. Composition/information on ingredients

| Substance/mixture             | : | Mixture    |
|-------------------------------|---|------------|
| Chemical name                 | : | Mixture    |
| Other means of identification | : | VC10010105 |

CAS number/other identifiers

| Ingredient name  | %       | CAS number |
|--|---------|------------|
| Diundecyl phthalate  | 10 - 25 | 3648-20-2  |
| Tris(4-nonylphenyl, branched and linear) phosphite with $\geq 0.1\%$ | 0.3 - 1 | 26523-78-4 |
| w/w of 4-nonylphenol, branched and linear                            |         |            |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### Description of necessary first aid measures

| Eye contact | : | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
|-------------|---|---|
| Inhalation  | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
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|--|--|
|  |  |
|  |  |
| Skin contact                                   |  |
| Ingestion                                      | clothing and shoes. Get medical attention if symptoms occur.<br>Wash out mouth with water. Remove victim to fresh air and keep at  |
| ingestion                                      | rest in a position comfortable for breathing. If material has been<br>swallowed and the exposed person is conscious, give small quantities<br>of water to drink. Do not induce vomiting unless directed to do so by<br>medical personnel. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acut          | e and delayed  |
| Potential acute health effects                 |  |
| Eye contact                                    | No known significant effects or critical hazards.  |
| Inhalation                                     | No known significant effects or critical hazards.  |
| Skin contact                                   | No known significant effects or critical hazards.  |
| Ingestion                                      | No known significant effects or critical hazards.  |
| Over-exposure signs/symptoms                   |  |
| Eye contact                                    | No specific data.  |
| Inhalation                                     | No specific data.  |

Indication of immediate medical attention and special treatment needed, if necessary

:

:

| Notes to physician<br>Specific treatments | : | Treat symptomatically. Contact poison treatment specialist<br>immediately if large quantities have been ingested or inhaled.<br>No specific treatment. |
|---|---|--|
| Protection of first-aiders                | : | No action shall be taken involving any personal risk or without suitable training.   |

No specific data.

No specific data.

See toxicological information (Section 11)

### **Section 5. Firefighting measures**

#### Extinguishing media

Skin contact

Ingestion

| Suitable extinguishing media<br>Unsuitable extinguishing media | : | In case of fire, use water spray (fog), foam, dry chemical or $CO_2$ .<br>None known. |
|--|---|---|
| Specific hazards arising from the chemical                     | : | No specific fire or explosion hazard.   |
| Hazardous thermal  | : | May emit Hydrogen Chloride (HCl).   |
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|                          |                       |

| decomposition products                           |   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>halogenated compounds   |
|--|---|---|
| Special protective actions for fire-<br>fighters | : | Promptly isolate the scene by removing all persons from the vicinity<br>of the incident if there is a fire. No action shall be taken involving any<br>personal risk or without suitable training. |
| Special protective equipment for fire-fighters   | : | Fire-fighters should wear appropriate protective equipment and self-<br>contained breathing apparatus (SCBA) with a full face-piece operated<br>in positive pressure mode.                        |

### Section 6. Accidental release measures

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

| For non-emergency personnel<br>For emergency responders | :     | No action shall be taken involving any personal risk or without<br>suitable training. Evacuate surrounding areas. Keep unnecessary and<br>unprotected personnel from entering. Do not touch or walk through<br>spilled material. Put on appropriate personal protective equipment.<br>If specialized clothing is required to deal with the spillage, take note<br>of any information in Section 8 on suitable and unsuitable materials.<br>See also the information in "For non-emergency personnel". |
|---|-------|---|
| Environmental precautions                               | :     | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).   |
| Methods and materials for containmen                    | nt an | d cleaning up   |
| Small spill   | :     | Move containers from spill area. Vacuum or sweep up material and<br>place in a designated, labeled waste container. Dispose of via a<br>licensed waste disposal contractor.   |
| Large spill   | :     | Move containers from spill area. Prevent entry into sewers, water<br>courses, basements or confined areas. Vacuum or sweep up material<br>and place in a designated, labeled waste container. Dispose of via a<br>licensed waste disposal contractor. Note: see Section 1 for emergency<br>contact information and Section 13 for waste disposal.   |

## **Section 7. Handling and storage**

#### Precautions for safe handling



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|--|--|
| Protective measures<br>Advice on general occupational<br>hygiene | <ul> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.</li> </ul> |
| Conditions for safe storage,<br>including any incompatibilities  | : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.  |

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

| Ingredient name   | Exposure limits |
|---|-----------------|
| Diundecyl phthalate   | None.           |
| Tris(4-nonylphenyl, branched and linear)<br>phosphite with $\geq 0.1\%$ w/w of 4-<br>nonylphenol, branched and linear | None.           |

| Appropriate engineering controls<br>Environmental exposure controls | : | Good general ventilation should be sufficient to control worker<br>exposure to airborne contaminants.<br>Emissions from ventilation or work process equipment should be<br>checked to ensure they comply with the requirements of<br>environmental protection legislation. In some cases, fume scrubbers,<br>filters or engineering modifications to the process equipment will be<br>necessary to reduce emissions to acceptable levels. |
|---|---|---|
| <u>Individual protection measures</u><br>Hygiene measures           | : | Wash hands, forearms and face thoroughly after handling chemical<br>products, before eating, smoking and using the lavatory and at the end<br>of the working period. Appropriate techniques should be used to<br>remove potentially contaminated clothing. Wash contaminated<br>clothing before reusing. Ensure that eyewash stations and safety  |



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| Eye/face protection    | : | showers are close to the workstation location.<br>Safety eyewear complying with an approved standard should be used<br>when a risk assessment indicates this is necessary to avoid exposure to<br>liquid splashes, mists, gases or dusts. If contact is possible, the<br>following protection should be worn, unless the assessment indicates a<br>higher degree of protection: safety glasses with side-shields. |
|------------------------|---|---|
| Skin protection        |   |   |
| Hand protection        | : | Chemical-resistant, impervious gloves complying with an approved<br>standard should be worn at all times when handling chemical products<br>if a risk assessment indicates this is necessary.   |
| Body protection        | : | Personal protective equipment for the body should be selected based<br>on the task being performed and the risks involved and should be<br>approved by a specialist before handling this product.   |
| Other skin protection  | : | Appropriate footwear and any additional skin protection measures<br>should be selected based on the task being performed and the risks<br>involved and should be approved by a specialist before handling this<br>product.  |
| Respiratory protection | : | Based on the hazard and potential for exposure, select a respirator that<br>meets the appropriate standard or certification. Respirators must be<br>used according to a respiratory protection program to ensure proper<br>fitting, training, and other important aspects of use.   |

## Section 9. Physical and chemical properties

#### **Appearance**

| Physical state            | : | solid [Pellets.]             |
|---------------------------|---|------------------------------|
| Color                     |   | NO PIGMENT                   |
| Odor                      |   | Not available.               |
| Odor threshold            | : | Not available.               |
| pH                        | : | Not available.               |
| Melting point             | : | Not available.               |
| Boiling point             | : | Not available.               |
| Flash point               | : | Not available.               |
| Burning time              | : | Not available.               |
| Burning rate              | : | Not available.               |
| Evaporation rate          | : | Not available.               |
| Flammability (solid, gas) | : | Not available.               |
| Lower and upper explosive | : | Lower: Not available.        |
| (flammable) limits        |   | <b>Upper:</b> Not available. |
| Vapor pressure            | : | Not available.               |
| Vapor density             | : | Not available.               |
| Relative density          | : | Not available.               |
| -                         |   |                              |



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| Solubility   | : | Not available.                                     |
|--|---|--|
| Solubility in water  | : | Not available.                                     |
| Partition coefficient: n-  | : | Not available.                                     |
| octanol/water  |   |  |
| Auto-ignition temperature  | : | Not available.                                     |
| Decomposition temperature  | : | Not available.                                     |
| SADT   | : | Not available.                                     |
| Viscosity  | : | Dynamic: Not available.                            |
| ·  |   | Kinematic: Not available.                          |
| Aerosol product  |   |  |
|  |   |  |
| Heat of combustion   | : | Not available.                                     |
| Heat of combustion<br>Ignition distance  | : | Not available.<br>Not available.                   |
|  | : |  |
| Ignition distance  | : | Not available.                                     |
| Ignition distance<br>Enclosed space ignition - Time  | : | Not available.                                     |
| Ignition distance<br>Enclosed space ignition - Time<br>equivalent  | : | Not available.<br>Not available.                   |
| Ignition distance<br>Enclosed space ignition - Time<br>equivalent<br>Enclosed space ignition -                         | : | Not available.<br>Not available.                   |
| Ignition distance<br>Enclosed space ignition - Time<br>equivalent<br>Enclosed space ignition -<br>Deflagration density | : | Not available.<br>Not available.<br>Not available. |

## Section 10. Stability and reactivity

| Reactivity                         | : | No specific test data related to reactivity available for this product or its ingredients.           |
|------------------------------------|---|--|
| Chemical stability                 | : | Stable under recommended storage and handling conditions (see Section 7).                            |
| Possibility of hazardous reactions | : | Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| Conditions to avoid                | : | Keep away from extreme heat and oxidizing agents.  |
| Incompatible materials             | : | Avoid contact with acetal homopolymers and acetyl homopolymers during processing.                    |
| Hazardous decomposition products   | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

#### **Information on toxicological effects**

#### Acute toxicity



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| Remarks - Oral:       | No applicable toxicity data |
|-----------------------|-----------------------------|
| Remarks - Inhalation: | No applicable toxicity data |
| Remarks - Dermal:     | No applicable toxicity data |
| Remarks - Oral:       | No applicable toxicity data |
| Remarks - Inhalation: | No applicable toxicity data |
| Remarks - Dermal:     | No applicable toxicity data |
| Conclusion/Summary    | : Mixture.Not fully tested. |

#### Irritation/Corrosion

| Product/ingredient name                          | Result           | Species         | Score        | Exposure | Observation |
|--|------------------|-----------------|--------------|----------|-------------|
| Diundecyl phthalate                              | Eyes - Mild      | Rabbit          |              |          | -           |
|  | irritant         |                 |              |          |             |
| <b>Conclusion/Summary</b>                        |                  |                 |              |          |             |
| Skin   |                  | /lixture.Not fu |              |          |             |
| Eyes   |                  | /lixture.Not fu |              |          |             |
| Respiratory                                      | : N              | /lixture.Not fu | illy tested. |          |             |
| <u>Sensitization</u>                             |                  |                 |              |          |             |
| Conclusion/Summary                               |                  |                 |              |          |             |
| Skin   |                  | /lixture.Not fu |              |          |             |
| Respiratory                                      | : N              | /lixture.Not fu | ally tested. |          |             |
| <u>Mutagenicity</u>                              |                  |                 |              |          |             |
| Conclusion/Summary                               | : N              | /lixture.Not fu | ally tested. |          |             |
| <u>Carcinogenicity</u>                           |                  |                 |              |          |             |
| Conclusion/Summary                               | : N              | /lixture.Not fu | ally tested. |          |             |
| <u>Reproductive toxicity</u>                     |                  |                 |              |          |             |
| Conclusion/Summary                               | : N              | /lixture.Not fu | ally tested. |          |             |
| <u>Teratogenicity</u>                            |                  |                 |              |          |             |
| Conclusion/Summary                               | : N              | /lixture.Not fu | ally tested. |          |             |
| Specific target organ toxicity<br>Not available. | y (single exposu | <u>re)</u>      |              |          |             |

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Not available.

| Aspiration hazard<br>Not available.      |   |   |
|--|---|---|
| Information on likely routes of exposure | : | Not available.                                    |
| Potential acute health effects           |   |   |
| Eye contact                              | : | No known significant effects or critical hazards. |
| Inhalation                               | : | No known significant effects or critical hazards. |
| Skin contact                             | : | No known significant effects or critical hazards. |
| Ingestion                                | : | No known significant effects or critical hazards. |

#### Symptoms related to the physical, chemical and toxicological characteristics

| : No specific | data.   |
|---------------|---|
| : No specific | data.   |
| : No specific | data.   |
| : No specific | data.   |
|               | <ul><li>No specific</li><li>No specific</li><li>No specific</li><li>No specific</li><li>No specific</li></ul> |

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

| Potential immediate effects<br>Potential delayed effects   | : | Not available.<br>Not available.   |
|--|---|--|
| Long term exposure   |   |  |
| Potential immediate effects<br>Potential delayed effects   | : | Not available.<br>Not available.   |
| Potential chronic health effects   |   |  |
| Conclusion/Summary   | : | Mixture.Not fully tested.  |
| General<br>Carcinogenicity<br>Mutagenicity<br>Teratogenicity<br>Developmental effects<br>Fertility effects | : | No known significant effects or critical hazards.<br>No known significant effects or critical hazards. |
| · · · · · · · · · · · · · · · · · · ·  |   | 6  |

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#### Numerical measures of toxicity

Acute toxicity estimates

Not available.

## Section 12. Ecological information

**Toxicity** 

| Result                                      | Species  | Exposure  |  |  |  |
|---|--|---|--|--|--|
| and linear) phosphite with $\geq 0.1\%$ w/v | w of 4-nonylphenol, branch   | ed and linear   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| Acute EC50 0.42 Mg/l                        | Aquatic invertebrates.<br>Daphnia  | 48 h  |  |  |  |
| Acute                                       |  |   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| -   |  |   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| Acute EC50 12 Mg/l Fresh water              | Aquatic invertebrates.<br>Daphnia  | 48 h  |  |  |  |
| Acute                                       |  |   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| No applicable toxicity data                 |  |   |  |  |  |
| Chronic NOEC 0.000059 Mg/l<br>Fresh water   | Aquatic invertebrates.<br>Daphnia  | 21 d  |  |  |  |
| Chronic                                     |  |   |  |  |  |
|   |  |   |  |  |  |
|   |  |   |  |  |  |
| Chemicals are not readily available a       | as they are bound within the   | e polymer matrix.   |  |  |  |
| Chemicals are not readi                     | ly available as they are bou   | und within the  |  |  |  |
| polymer matrix.                             | ity available as they are bou  |   |  |  |  |
|   | and linear) phosphite with $\ge 0.1\%$ w/v<br>No applicable toxicity data<br>Acute EC50 0.42 Mg/l<br>Acute<br>No applicable toxicity data<br>No applicable toxicity data<br>No applicable toxicity data<br>Acute EC50 12 Mg/l Fresh water<br>Acute<br>No applicable toxicity data<br>No applicable toxicity data<br>No applicable toxicity data<br>No applicable toxicity data<br>No applicable toxicity data<br>Chronic NOEC 0.000059 Mg/l<br>Fresh water<br>Chronic<br>Chemicals are not readily available and the second<br>Chemicals are not readily available and the second sec | and linear) phosphite with ≥ 0.1% w/w of 4-nonylphenol, branch         No applicable toxicity data         Acute EC50 0.42 Mg/l       Aquatic invertebrates.<br>Daphnia         Acute         No applicable toxicity data         Acute EC50 12 Mg/l Fresh water         Acute         No applicable toxicity data         Acute         No applicable toxicity data         Acute         No applicable toxicity data         Chronic NOEC 0.000059 Mg/l         Fresh water         Daphnia         Chronic         Chemicals are not readily available as they are bound within th         :       Chemicals are not readily available as they are bound |  |  |  |

Persistence and degradability



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**Conclusion/Summary** 

Chemicals are not readily available as they are bound within the polymer matrix.

#### **Bioaccumulative potential**

| Product/ingredient name                    | LogPow | BCF | Potential |
|--|--------|-----|-----------|
| Tris(4-nonylphenyl, branched and           | 14     | -   | high      |
| linear) phosphite with $\geq 0.1\%$ w/w of |        |     |           |
| 4-nonylphenol, branched and linear         |        |     |           |

#### <u>Mobility in soil</u>

| Soil/water partition coefficient | : | Not available.                                    |
|----------------------------------|---|---|
| (KOC)                            |   |   |
| Other adverse effects            | : | No known significant effects or critical hazards. |

:

### **Section 13. Disposal considerations**

| Disposal methods | : | The generation of waste should be avoided or minimized wherever<br>possible. Disposal of this product, solutions and any by-products<br>should at all times comply with the requirements of environmental<br>protection and waste disposal legislation and any regional local<br>authority requirements. Dispose of surplus and non-recyclable<br>products via a licensed waste disposal contractor. Waste should not be<br>disposed of untreated to the sewer unless fully compliant with the<br>requirements of all authorities with jurisdiction. Waste packaging<br>should be recycled. Incineration or landfill should only be considered<br>when recycling is not feasible. This material and its container must be<br>disposed of in a safe way. Empty containers or liners may retain some<br>product residues. Avoid dispersal of spilled material and runoff and |
|------------------|---|--|
|                  |   | contact with soil, waterways, drains and sewers.   |

United States - RCRA Acute hazardous waste "P" List: Not listed

#### United States - RCRA Toxic hazardous waste "U" List: Not listed

### Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water : Not regulated for transportation.

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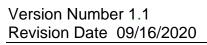
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| International Air<br>ICAO/IATA | : | Consult mode specific transport rules |
|--------------------------------|---|---------------------------------------|
| International Water            | : | Consult mode specific transport rules |

## Section 15. Regulatory information

| U.S. Federal regulations | : | United States - TSCA 12(b) - Chemical export notification: None                      |
|--------------------------|---|--|
|                          |   | of the components are listed.  |
|                          |   | United States - TSCA 4(a) - Final Test Rules: Not listed                             |
|                          |   | United States - TSCA 4(a) - ITC Priority list: Not listed                            |
|                          |   | United States - TSCA 4(a) - Proposed test rules: Not listed                          |
|                          |   | United States - TSCA 4(f) - Priority risk review: Not listed                         |
|                          |   | United States - TSCA 5(a)2 - Final significant new use rules:                        |
|                          |   | Listed 4-Nonylphenol, branched   |
|                          |   | United States - TSCA 5(a)2 - Proposed significant new use rules:                     |
|                          |   | Not listed   |
|                          |   | United States - TSCA 5(e) - Substances consent order: Not listed                     |
|                          |   | United States - TSCA 6 - Final risk management: Not listed                           |
|                          |   | United States - TSCA 6 - Proposed risk management: Not listed                        |
|                          |   | United States - TSCA 8(a) - Chemical risk rules: Not listed                          |
|                          |   | United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed                       |
|                          |   | United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined            |
|                          |   | United States - TSCA 8(a) - Preliminary assessment report                            |
|                          |   | (PAIR): Listed 4-Nonylphenol, branched   |
|                          |   | <b>United States - TSCA 8(c) - Significant adverse reaction (SAR):</b><br>Not listed |
|                          |   | United States - TSCA 8(d) - Health and safety studies: Not listed                    |
|                          |   | United States - EPA Clean water act (CWA) section 307 - Priority                     |
|                          |   | pollutants: Listed Miscellaneous Zinc Compounds<br>Vinyl chloride monomer            |
|                          |   | United States - EPA Clean water act (CWA) section 311 -                              |
|                          |   | Hazardous substances: Not listed   |
|                          |   | United States - EPA Clean air act (CAA) section 112 - Accidental                     |
|                          |   | release prevention - Flammable substances: Not listed                                |
|                          |   | United States - EPA Clean air act (CAA) section 112 - Accidental                     |
|                          |   | release prevention - Toxic substances: Not listed                                    |
|                          |   | United States - Department of commerce - Precursor chemical:                         |
|                          |   |  |





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| Clean Air Act Section 112(b)<br>Hazardous Air Pollutants (HAPs)<br>Clean Air Act Section 602 Class I<br>Substances<br>Clean Air Act Section 602 Class II<br>Substances | :<br>:<br>: | Not listed<br>Listed<br>Not listed<br>Not listed |
|--|-------------|--|
| DEA List I Chemicals (Precursor  | :           | Not listed                                       |
| Chemicals)<br>DEA List II Chemicals (Essential<br>Chemicals)   | :           | Not listed                                       |

#### US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

#### SARA 311/312

Classification

Not applicable.

:

#### **Composition/information on ingredients**

No products were found.

| Name                            | %             | Classification                  |
|---------------------------------|---------------|---------------------------------|
| Diundecyl phthalate             | >= 10 - <= 25 | EYE IRRITATION - Category 2B    |
|                                 |               |                                 |
| Tris(4-nonylphenyl,             | >= 0.3 - <= 1 | SKIN SENSITIZATION - Category 1 |
| branched and linear)            |               |                                 |
| phosphite with $\geq 0.1\%$ w/w |               |                                 |
| of 4-nonylphenol, branched      |               |                                 |
| and linear                      |               |                                 |

Not applicable.

| State regulations                  |               |  |
|------------------------------------|---------------|--|
| Massachusetts                      | :             | None of the components are listed.                                   |
| New York                           | :             | None of the components are listed.                                   |
| New Jersey                         | :             | The following components are listed:<br>Ethene, chloro-, homopolymer |
| Pennsylvania                       | :             | None of the components are listed.                                   |
| California Prop. 65                |               | -  |
| This product does not require a Sa | afe Harbo     | r warning under California Prop. 65.                                 |
| United States inventory (TSCA      | <b>8</b> h) • | All components are active or exampled                                |

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## EO $\bullet$ **Performance Solutions**

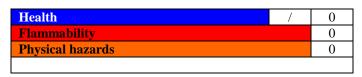
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| Canada inventory          | : | Not determined.                        |
|---------------------------|---|--|
| International regulations |   |  |
| Inventory list            |   |  |
| Australia                 | : | Not determined.                        |
| Canada                    | : | Not determined.                        |
| China                     | : | Not determined.                        |
| Europe inventory          | : | Not determined.                        |
| Japan                     | : | Not determined.                        |
| New Zealand               | : | Not determined.                        |
| Philippines               | : | Not determined.                        |
| Republic of Korea         | : | Not determined.                        |
| Taiwan                    | : | Not determined.                        |
| Turkey                    | : | Not determined.                        |
| United States             | : | All components are active or exempted. |

### Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

| Date of printing:12/20/2024Date of issue/Date of revision:09/16/2020Date of previous issue:05/01/2015Version:1.1Key to abbreviations:ATE = Acute Toxicity Estimate  |
|---|
| Date of previous issue         :         05/01/2015           Version         :         1.1   |
| Version : 1.1   |
|   |
| Key to abbreviations • ATE = Acute Toxicity Estimate  |
| BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of<br>Chemicals<br>IATA = International Air Transport Association |



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IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations Not available.

References

#### Notice to reader

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