# **SCOOP BLUE**

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# SAFETY DATA SHEET

#### **SCOOP BLUE**

| Section 1. Identification                                                                              |            |                                                                                                           |
|--------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------|
| GHS product identifier<br>Chemical name<br>CAS number<br>Other means of identification<br>Product type |            | SCOOP BLUE<br>Mixture<br>Mixture<br>CC10387613<br>liquid                                                  |
| <u>Relevant identified uses of the subs</u><br>Product use                                             | tance<br>: | or mixture and uses advised against<br>Industrial applications. Plastics.                                 |
| Supplier's details                                                                                     | :          | AVIENT CORPORATION<br>ColorMatrix Group Inc.<br>680 North Rocky River Drive, Berea, Ohio, 44017-1628, USA |
|                                                                                                        |            | +1 216 622 0100                                                                                           |
| Emergency telephone number<br>(with hours of operation)                                                | :          | 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. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions. After handling, always wash hands thoroughly with soap and water.

| OSHA/HCS status                            | : | This material is considered hazardous by the OSHA Hazard<br>Communication Standard (29 CFR 1910.1200). |
|--------------------------------------------|---|--------------------------------------------------------------------------------------------------------|
| Classification of the substance or mixture | : | SKIN IRRITATION - Category 2                                                                           |

**GHS label elements** 

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| Hazard pictograms                                                                      | : |                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word                                                                            | : | Warning                                                                                                                                                                                                                                         |
| Hazard statements                                                                      | : | Causes skin irritation.                                                                                                                                                                                                                         |
| Precautionary statements                                                               |   |                                                                                                                                                                                                                                                 |
| Prevention<br>Response                                                                 | : | Not applicable.<br>Wear protective gloves. Wash thoroughly after handling.<br>Take off contaminated clothing and wash it before reuse. IF ON<br>SKIN: Wash with plenty of water. If skin irritation occurs: Get<br>medical advice or attention. |
| Storage<br>Disposal<br>Supplemental label elements<br>Hazards not otherwise classified | : | Not applicable.<br>Not applicable.<br>None known.<br>None known.<br>Not available.                                                                                                                                                              |

# Section 3. Composition/information on ingredients

| Substance/mixture             | : | Mixture    |
|-------------------------------|---|------------|
| Chemical name                 | : | Mixture    |
| Other means of identification | : | CC10387613 |

CAS number/other identifiers

| Ingredient name                                                     | %             | CAS number     |
|---------------------------------------------------------------------|---------------|----------------|
| Titanium dioxide                                                    | >= 50 - <= 75 | 13463-67-7     |
| Miscellaneous Compounds Distillates, petroleum, hydrotreated middle | >= 10 - <= 25 | Not available. |
| Silica, amorphous                                                   | >= 1 - <= 3   | 7631-86-9      |

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.

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# 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. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | : | Remove victim to fresh air and keep at rest in a position comfortable<br>for breathing. If not breathing, if breathing is irregular or if respiratory<br>arrest occurs, provide artificial respiration or oxygen by trained<br>personnel. It may be dangerous to the person providing aid to give<br>mouth-to-mouth resuscitation. Get medical attention if adverse health<br>effects persist or are severe. If unconscious, place in recovery position<br>and get medical attention immediately. Maintain an open airway.<br>Loosen tight clothing such as a collar, tie, belt or waistband. In case of<br>inhalation of decomposition products in a fire, symptoms may be<br>delayed. The exposed person may need to be kept under medical<br>surveillance for 48 hours. |
| Skin contact | : | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ingestion    | : | Wash out mouth with water. Remove dentures if any. If material has<br>been swallowed and the exposed person is conscious, give small<br>quantities of water to drink. Stop if the exposed person feels sick as<br>vomiting may be dangerous. Do not induce vomiting unless directed<br>to do so by medical personnel. If vomiting occurs, the head should be<br>kept low so that vomit does not enter the lungs. Get medical attention<br>if adverse health effects persist or are severe. Never give anything by<br>mouth to an unconscious person. If unconscious, place in recovery<br>position and get medical attention immediately. Maintain an open<br>airway. Loosen tight clothing such as a collar, tie, belt or waistband.                                      |

#### Most important symptoms/effects, acute and delayed

| Potential acute health effects                         |    |                                                                                                                                                                                        |
|--------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact<br>Inhalation<br>Skin contact<br>Ingestion | :: | No known significant effects or critical hazards.<br>No known significant effects or critical hazards.<br>Causes skin irritation.<br>No known significant effects or critical hazards. |
| <b>Over-exposure signs/symptoms</b>                    |    |                                                                                                                                                                                        |
| Eye contact                                            | :  | Adverse symptoms may include the following: pain or irritation                                                                                                                         |

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|                                                                                      |   | watering<br>redness                                                                                                                                                            |  |
|--------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Inhalation                                                                           | : | No specific data.                                                                                                                                                              |  |
| Skin contact                                                                         | : | Adverse symptoms may include the following: irritation                                                                                                                         |  |
|                                                                                      |   | redness                                                                                                                                                                        |  |
| Ingestion                                                                            | : | No specific data.                                                                                                                                                              |  |
| Indication of immediate medical attention and special treatment needed, if necessary |   |                                                                                                                                                                                |  |
| Notes to physician                                                                   | : | In case of inhalation of decomposition products in a fire, symptoms<br>may be delayed. The exposed person may need to be kept under<br>medical surveillance for 48 hours.      |  |
| Specific treatments                                                                  | : | No specific treatment.                                                                                                                                                         |  |
| Protection of first-aiders                                                           | : | No action shall be taken involving any personal risk or without<br>suitable training. It may be dangerous to the person providing aid to<br>give mouth-to-mouth resuscitation. |  |

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

#### **Extinguishing media**

| Suitable extinguishing media<br>Unsuitable extinguishing media                               | : | In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> . None known.                                                                                                                                         |
|----------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specific hazards arising from the<br>chemical<br>Hazardous thermal<br>decomposition products | : | In a fire or if heated, a pressure increase will occur and the container<br>may burst.<br>Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>metal oxide/oxides |
| 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

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#### 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. Avoid breathing vapor or mist. Provide adequate<br>ventilation. Wear appropriate respirator when ventilation is<br>inadequate. 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 containmer                    | nt ar | nd cleaning up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Small spill                                             | :     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.                                                                                                                                                                                                                                                                                                                                                                                         |
| Large spill                                             | :     | Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

# Section 7. Handling and storage

# Precautions for safe handling Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Advice on general occupational : Eating, drinking and smoking should be prohibited in areas where this

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| hygiene                                                         |   | material is handled, stored and processed. Workers should wash hands<br>and face before eating, drinking and smoking. Remove contaminated<br>clothing and protective equipment before entering eating areas. See<br>also Section 8 for additional information on hygiene measures.                                                                                                                                                                                                                             |
|-----------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conditions for safe storage,<br>including any incompatibilities | : | Store in accordance with local regulations. Store in original container<br>protected from direct sunlight in a dry, cool and well-ventilated area,<br>away from incompatible materials (see Section 10) and food and<br>drink. Keep container tightly closed and sealed until ready for use.<br>Containers that have been opened must be carefully resealed and kept<br>upright to prevent leakage. Do not store in unlabeled containers. Use<br>appropriate containment to avoid environmental contamination. |

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

| Ingredient name                                                     | Exposure limits                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Titanium dioxide                                                    | OSHA PEL 1989 (1989-03-01)<br>TWA 10 mg/m3 Form: Total dust<br>OSHA PEL (1993-06-30)<br>TWA 15 mg/m3 Form: Total dust<br>ACGIH TLV (2022-01-06)<br>TWA 0.2 mg/m3 Form: respirable fraction, nanoscale particles<br>TWA 2.5 mg/m3 Form: respirable fraction, finescale particles |
| Miscellaneous Compounds Distillates, petroleum, hydrotreated middle | None.                                                                                                                                                                                                                                                                           |
| Silica, amorphous                                                   | NIOSH REL (1994-06-01)<br>TWA 6 mg/m3                                                                                                                                                                                                                                           |

| 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. |
|---------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| Individual protection measures          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Hygiene measures<br>Eye/face protection | <ul> <li>Wash hands, forearms and face thoroughly after han products, before eating, smoking and using the lavate of the working period. Appropriate techniques shoul remove potentially contaminated clothing. Wash conclothing before reusing. Ensure that eyewash station showers are close to the workstation location.</li> <li>Safety eyewear complying with an approved standar when a risk assessment indicates this is necessary to liquid splashes, mists, gases or dusts. If contact is po following protection should be worn, unless the asse higher degree of protection: chemical splash goggles</li> </ul> | bry and at the end<br>d be used to<br>taminated<br>s and safety<br>d should be used<br>avoid exposure to<br>ssible, the<br>ssment indicates a |
| Skin protection                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               |
| Hand protection                         | : Chemical-resistant, impervious gloves complying wis<br>standard should be worn at all times when handling of<br>if a risk assessment indicates this is necessary. Consi<br>parameters specified by the glove manufacturer, che<br>the gloves are still retaining their protective propertion<br>noted that the time to breakthrough for any glove man<br>different for different glove manufacturers. In the ca<br>consisting of several substances, the protection time<br>cannot be accurately estimated.                                                                                                              | chemical products<br>dering the<br>ek during use that<br>es. It should be<br>terial may be<br>se of mixtures,                                 |
| Body protection                         | <ul> <li>Personal protective equipment for the body should b<br/>on the task being performed and the risks involved a<br/>approved by a specialist before handling this produc</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                  | nd should be                                                                                                                                  |
| Other skin protection                   | : Appropriate footwear and any additional skin protect<br>should be selected based on the task being performed<br>involved and should be approved by a specialist befor<br>product.                                                                                                                                                                                                                                                                                                                                                                                                                                        | ion measures<br>l and the risks                                                                                                               |
| Respiratory protection                  | <ul> <li>Based on the hazard and potential for exposure, select<br/>meets the appropriate standard or certification. Response<br/>used according to a respiratory protection program to<br/>fitting, training, and other important aspects of use.</li> </ul>                                                                                                                                                                                                                                                                                                                                                              | rators must be                                                                                                                                |

# Section 9. Physical and chemical properties

#### Appearance

| Physical state | : | liquid [liquid] |
|----------------|---|-----------------|
| Color          | : | BLUE            |
| Odor           | : | Faint odor.     |
| Odor threshold | : | Not available.  |
| рН             | : | Not available.  |

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| 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                         |   | Upper: Not available.     |
| Vapor pressure                             | : | Not available.            |
| Vapor density                              | : | Not available.            |
| Relative density                           | : | Not available.            |
| Solubility                                 | : | Not available.            |
| Solubility in water                        | : | insoluble in water.       |
| Partition coefficient: n-<br>octanol/water | : | Not applicable.           |
| Auto-ignition temperature                  | : | Not available.            |
| Decomposition temperature                  | : | Not available.            |
| SADT                                       | : | Not available.            |
| Viscosity                                  | : | Dynamic: Not available.   |
| -                                          |   | Kinematic: 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              | : | Keep away from strong acids.<br>Oxidizer.                                                            |
| Hazardous decomposition<br>products | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

# Section 11. Toxicological information

#### Information on toxicological effects

| Acute toxicity          |                 |            |           |          |
|-------------------------|-----------------|------------|-----------|----------|
| Product/ingredient name | Result          | Species    | Dose      | Exposure |
| Titanium oxide (TiO2)   |                 |            |           |          |
|                         | LC50 Inhalation | Rat - Male | 6.82 Mg/l | 4 h      |
|                         |                 |            |           |          |

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| Dusts and mists |        |               |   |
|-----------------|--------|---------------|---|
| LD50 Dermal     | Rabbit | > 5,000 mg/kg | - |

**Conclusion/Summary** 

: Mixture.Not fully tested.

#### **Irritation/Corrosion**

| Product/ingredient name | Result                      | Species          | Score | <b>Exposure</b> 24 hrs | Observation - |
|-------------------------|-----------------------------|------------------|-------|------------------------|---------------|
| Silica                  | Eyes - Mild irritant        | Rabbit           | -     |                        |               |
| Conclusion/Summary      |                             |                  |       |                        |               |
| Skin                    | : Mixture.                  | Not fully tested |       |                        |               |
| Eyes                    | : Mixture.                  | Not fully tested |       |                        |               |
| Respiratory             | : Mixture.Not fully tested. |                  |       |                        |               |
| <u>Sensitization</u>    |                             |                  |       |                        |               |
| Conclusion/Summary      |                             |                  |       |                        |               |
| Skin                    | : Mixture.                  | Not fully tested |       |                        |               |
|                         |                             | Not fully tested |       |                        |               |

**Conclusion/Summary** : Mixture.Not fully tested.

#### **Carcinogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

#### **Classification**

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| Titanium oxide (TiO2)   | -    | 2B   | -   |
| Silica                  | -    | 3    | -   |

#### **Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

#### **Teratogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

#### Specific target organ toxicity (single exposure)

Not available.

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#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

| Name                                         |         |                                                                                   | Result                                 |  |
|----------------------------------------------|---------|-----------------------------------------------------------------------------------|----------------------------------------|--|
| Miscellaneous Compounds Distillates          | s, peti | roleum,                                                                           | ASPIRATION HAZARD - Category 1         |  |
| hydrotreated middle                          |         |                                                                                   |                                        |  |
| Information on the likely routes of exposure | :       | Not available                                                                     | e.                                     |  |
| Potential acute health effects               |         |                                                                                   |                                        |  |
| Eye contact                                  | :       | No known significant effects or critical hazards.                                 |                                        |  |
| Inhalation                                   | :       | No known si                                                                       | gnificant effects or critical hazards. |  |
| Skin contact                                 | :       | Causes skin                                                                       |                                        |  |
| Ingestion                                    | :       | No known si                                                                       | gnificant effects or critical hazards. |  |
| Symptoms related to the physical, c          | hemi    | ical and toxico                                                                   | logical characteristics                |  |
| Eye contact                                  | :       | Adverse symptoms may include the following: pain or irritation, watering, redness |                                        |  |
| Inhalation                                   | :       | No specific data.                                                                 |                                        |  |
| Skin contact                                 |         | Adverse symptoms may include the following: irritation, redness                   |                                        |  |
| Ingestion                                    | :       | No specific o                                                                     |                                        |  |
| Delayed and immediate effects and            | also    | chronic effect                                                                    | s from short and long term exposure    |  |
|                                              |         |                                                                                   |                                        |  |
| Short term exposure                          |         |                                                                                   |                                        |  |
| Potential immediate effects                  | :       | Not available.                                                                    |                                        |  |
| Potential delayed effects                    | :       | Not available.                                                                    |                                        |  |
|                                              |         |                                                                                   |                                        |  |
| Long term exposure                           |         |                                                                                   |                                        |  |
| Potential immediate effects                  | :       | Not available                                                                     | ٩                                      |  |
| Potential delayed effects                    |         | Not available                                                                     |                                        |  |
|                                              |         | 1100 4141401                                                                      | -                                      |  |
| Potential chronic health effects             |         |                                                                                   |                                        |  |
| Conclusion/Summary                           | :       | Mixture.Not                                                                       | fully tested.                          |  |
| General                                      | :       | No known si                                                                       | gnificant effects or critical hazards. |  |
| Carcinogenicity                              | :       |                                                                                   | gnificant effects or critical hazards. |  |
| Mutagenicity                                 | :       |                                                                                   | gnificant effects or critical hazards. |  |
| ~ *                                          |         |                                                                                   | -                                      |  |

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| 8                 |   | Not available.<br>Not available.                  |
|-------------------|---|---------------------------------------------------|
| Fertility effects | : | No known significant effects or critical hazards. |

Numerical measures of toxicity

#### Acute toxicity estimates

| Product/ingredient name                                                   | Oral | Dermal | Inhalation<br>(gases) | Inhalation<br>(vapors) | Inhalation<br>(dusts and<br>mists) |
|---------------------------------------------------------------------------|------|--------|-----------------------|------------------------|------------------------------------|
| SCOOP BLUE                                                                | N/A  | N/A    | N/A                   | 89.9 Mg/l              | N/A                                |
| Titanium oxide (TiO2)                                                     | N/A  | N/A    | N/A                   | N/A                    | 6.82 Mg/l                          |
| Miscellaneous Compounds<br>Distillates, petroleum,<br>hydrotreated middle | N/A  | N/A    | N/A                   | 11 Mg/l                | N/A                                |

#### **Other 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.

# Section 12. Ecological information

:

#### **Toxicity**

| Product/ingredient name | Result                        | Species                      | Exposure |
|-------------------------|-------------------------------|------------------------------|----------|
| Titanium oxide (TiO2)   |                               |                              |          |
|                         | Acute LC50 > 1,000 Mg/l       | Fish - Fundulus heteroclitus | 96 h     |
|                         | Marine water                  |                              |          |
|                         | Acute LC50 3 Mg/l Fresh water | Crustaceans - Ceriodaphnia   | 48 h     |
|                         |                               | dubia                        |          |
|                         | Acute LC50 6.5 Mg/l Fresh     | Daphnia - Daphnia pulex      | 48 h     |
|                         | water                         |                              |          |

**Conclusion/Summary** 

: Not available.

:

#### Persistence and degradability

#### Conclusion/Summary

Not available.

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| Not available.                         |   |                                                   |
|----------------------------------------|---|---------------------------------------------------|
| <u>Mobility in soil</u>                |   |                                                   |
| Soil/water partition coefficient (KOC) | : | Not available.                                    |
| 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 possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some 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<br>Ground/Air/Water | : | Not regulated for transportation.                              |
|-----------------------------------|---|----------------------------------------------------------------|
| International Air<br>ICAO/IATA    | : | Not classified as dangerous goods under transport regulations. |
| International Water<br>IMO/IMDG   | : | Not classified as dangerous goods under transport regulations. |

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# Section 15. Regulatory information

| U.S. Federal regulations                                                           | : | <ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 5(a) - Final significant new use rules: Not listed</li> <li>United States - TSCA 5(a) - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(a) - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 6 - Proposed risk management: Not listed</li> <li>United States - TSCA 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed</li> <li>United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined</li> <li>United States - TSCA 8(a) - Preliminary assessment report</li> <li>(PAIR): Not listed</li> <li>United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Phthalocyanine Blue</li> <li>Zinc ferrite brown spinel (C.I. Pigment Yellow 119)</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> </ul> |
|------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clean Air Act Section 112(b)                                                       | : | Not listed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Hazardous Air Pollutants (HAPs)<br>Clean Air Act Section 602 Class I<br>Substances | : | Not listed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clean Air Act Section 602 Class II<br>Substances                                   | : | Not listed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DEA List I Chemicals (Precursor                                                    | : | Not listed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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Chemicals) DEA List II Chemicals (Essential : Not listed Chemicals)

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

:

not applicable

#### SARA 311/312

Classification

SKIN IRRITATION - Category 2

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

| Name                                                                      | %             | Classification                                                                                             |
|---------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------|
| Titanium oxide (TiO2)                                                     | >= 50 - <= 75 | CARCINOGENICITY - Category 2                                                                               |
| Miscellaneous Compounds<br>Distillates, petroleum,<br>hydrotreated middle | >= 10 - <= 25 | ACUTE TOXICITY - inhalation - Category 4<br>SKIN IRRITATION - Category 2<br>ASPIRATION HAZARD - Category 1 |
| Silica                                                                    | >= 1 - <= 3   | EYE IRRITATION - Category 2B                                                                               |

Not applicable.

| State regulations          |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| Massachusetts              | : The following components are listed:<br>Titanium dioxide<br>Silica, amorphous   |
| New York                   | : None of the components are listed.                                              |
| New Jersey                 | : The following components are listed:<br>Titanium dioxide<br>Phthalocyanine Blue |
| Pennsylvania               | : The following components are listed:<br>Titanium dioxide                        |
|                            | Phthalocyanine Blue                                                               |
|                            | Silica, amorphous                                                                 |
|                            | Aluminum hydroxide                                                                |
| <u>California Prop. 65</u> |                                                                                   |

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**WARNING:** This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Ingredient name  | No significant risk level | Maximum acceptable<br>dosage level |
|------------------|---------------------------|------------------------------------|
| Titanium dioxide | -                         | -                                  |

| nited States inventory (TSCA 81        | b) : | All components are active or exempted.                         |
|----------------------------------------|------|----------------------------------------------------------------|
| anada inventory                        | :    | All components are listed or exempted.                         |
| ternational regulations<br>entory list |      |                                                                |
| Australia                              | :    | All components are listed or exempted.                         |
| Canada                                 | :    | All components are listed or exempted.                         |
| China                                  | :    | All components are listed or exempted.                         |
| Eurasian Economic Union                | :    | Russian Federation inventory: Not determined.                  |
| lapan                                  | :    | Japan inventory (CSCL): All components are listed or exempted. |
|                                        |      | Japan inventory (ISHL): Not determined.                        |
| New Zealand                            | :    | All components are listed or exempted.                         |
| Philippines                            | :    | All components are listed or exempted.                         |
| Republic of Korea                      | :    | All components are listed or exempted.                         |
| ſaiwan                                 | :    | Not determined.                                                |
| Fhailand                               | :    | Not determined.                                                |
| ſurkey                                 | :    | Not determined.                                                |
| United States                          | :    | All components are active or exempted.                         |
| Viet Nam                               | :    | Not determined.                                                |

# Section 16. Other information

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

| Health           | / | 2 |
|------------------|---|---|
| Flammability     |   | 0 |
| Physical hazards |   | 0 |
|                  |   |   |

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.

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# **ÀVIENT**

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| History                        |   |                                                                        |
|--------------------------------|---|------------------------------------------------------------------------|
| Date of printing               | : | 09/24/2024                                                             |
| Date of issue/Date of revision | : | 09/23/2024                                                             |
| Date of previous issue         | : | 00/00/0000                                                             |
| Version                        | : | 1.0                                                                    |
| Key to abbreviations           | : | ATE = Acute Toxicity Estimate                                          |
| •                              |   | BCF = Bioconcentration Factor                                          |
|                                |   | GHS = Globally Harmonized System of Classification and Labelling of    |
|                                |   | Chemicals                                                              |
|                                |   | IATA = International Air Transport Association                         |
|                                |   | 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                                                    |
| References                     | : | Not available.                                                         |

#### Notice to reader

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