JOULE RHC

Version Number 1.0 Revision Date 01/09/2023



Page 1 of 16 Print Date 01/10/2023

SAFETY DATA SHEET

JOULE RHC

| Section 1. Identification | | |
|--|--------|---|
| GHS product identifier Chemical name CAS number Other means of identification Product type | : | JOULE RHC Mixture Mixture CC10371968 liquid |
| | stance | or mixture and uses advised against |
| Product use | : | Industrial applications. Plastics. |
| Supplier's details | : | AVIENT CORPORATION ColorMatrix Group Inc. 680 North Rocky River Drive, Berea, Ohio, 44017-1628, USA |
| | | +1 216 622 0100 |
| Emergency telephone number (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 Communication Standard (29 CFR 1910.1200). |
|--|---|--|
| Classification of the substance or mixture | : | EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 |

GHS label elements

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

Page 2 of 16 Print Date 01/10/2023

| Hazard pictograms | : | |
|----------------------------------|---|---|
| Signal word | : | Warning |
| Hazard statements | : | Causes serious eye irritation. |
| | | May cause damage to organs through prolonged or repeated exposure. |
| Precautionary statements | | |
| | : | Not applicable. |
| Prevention | : | Wear eye or face protection. Do not breathe vapor. |
| Response | : | Get medical advice or attention if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. |
| Storage | : | Not applicable. |
| Disposal | : | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| 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 | : | CC10371968 |

CAS number/other identifiers

| Ingredient name | % | CAS number |
|-----------------|---------------|------------|
| Ethylene glycol | >= 50 - <= 75 | 107-21-1 |
| | | |

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.

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

Page 3 of 16 Print Date 01/10/2023

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 for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| 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 following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | : | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open 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 Inhalation Skin contact Ingestion | :: | Causes serious eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| Over-exposure signs/symptoms | | |
| Eye contact | : | Adverse symptoms may include the following: pain or irritation watering |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023



Page 4 of 16 Print Date 01/10/2023

| | | redness |
|---------------------------------|------------|--|
| Inhalation | : | No specific data. |
| Skin contact | : | No specific data. |
| Ingestion | : | No specific data. |
| Indication of immediate medical | l attentio | n and special treatment needed, if necessary |
| Notes to physician | : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments | : | No specific treatment. |
| Protection of first-aiders | : | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

| Suitable extinguishing media Unsuitable extinguishing media | : | In case of fire, use water spray (fog), foam, dry chemical or $\rm CO_2$. None known. |
|--|---|---|
| Specific hazards arising from the chemical | : | In a fire or if heated, a pressure increase will occur and the container may burst. |
| Hazardous thermal decomposition products | : | Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides |
| Special protective actions for fire- fighters | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Special protective equipment for fire-fighters | : | Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| For non-emergency personnel | : | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through |
|-----------------------------|---|---|
| | | |

JOULE RHC



| Version Number 1.0 | Page 5 of 16 |
|--------------------------|-----------------------|
| Revision Date 01/09/2023 | Print Date 01/10/2023 |
| | |

| For emergency responders | : | spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. 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 Put on appropriate personal protective equipment (see Section 8). Do **Protective measures** : not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. 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. Eating, drinking and smoking should be prohibited in areas where this Advice on general occupational : material is handled, stored and processed. Workers should wash hands hygiene 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.

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023



| | Page 6 of 16 |
|-------|-----------------|
| Print | Date 01/10/2023 |

Conditions for safe storage, 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 |
|----------------------------------|---|
| Ethylene glycol | ACGIH TLV (2017-03-01) STEL 10 mg/m3 Form: Inhalable fraction. Aerosol only. STEL 50 ppm Form: Vapor fraction TWA 25 ppm Form: Vapor fraction OSHA PEL 1989 (1989-03-01) CEIL 125 mg/m3 50 ppm |
| Appropriate engineering controls | : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. |
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Individual protection measures | |
| Hygiene measures | : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the 6/16 |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

following protection should be worn, unless the assessment indicates a

Page 7 of 16 Print Date 01/10/2023

higher degree of protection: chemical splash goggles. **Skin protection** Hand protection Chemical-resistant, impervious gloves complying with an approved : standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Personal protective equipment for the body should be selected based **Body protection** : on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures Other skin protection should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. **Respiratory protection** Based on the hazard and potential for exposure, select a respirator that : meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

| Physical state | : | liquid [liquid] |
|---------------------------|---|-----------------------|
| Color | : | NO PIGMENT |
| Odor | : | Faint odor. |
| Odor threshold | : | Not available. |
| рН | : | 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 | | Upper: Not available. |
| Vapor pressure | : | Not available. |
| Vapor density | : | Not available. |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

Page 8 of 16 Print Date 01/10/2023

| Relative density | : | Not available. |
|--|---|--|
| Solubility | : | Not available. |
| Solubility in water | : | insoluble in water. |
| 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 | | |
| <u>Aerosol product</u> Heat of combustion | : | Not available. |
| | : | Not available. Not available. |
| Heat of combustion Ignition distance Enclosed space ignition - Time | | |
| Heat of combustion Ignition distance Enclosed space ignition - Time equivalent | : | Not available. Not available. |
| Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition - | : | Not available. |
| Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition - Deflagration density | : | Not available. Not available. Not available. |
| Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition - | : | Not available. 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. Oxidizer. |
| Hazardous decomposition 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 |
| 1,2-Ethanediol | | | | |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

Page 9 of 16 Print Date 01/10/2023

| Conclusion/Summary | : Mixture.N | Not fully tested. | | | |
|---|-----------------------------|-------------------|-------|----------|-------------|
| Conclusion/Summary | • WIAture.1 | tot fully tested. | | | |
| Irritation/Corrosion | | | | | |
| Product/ingredient name | Result | Species | Score | Exposure | Observation |
| 1,2-Ethanediol | Skin - Mild irritant | Rabbit | - | | - |
| | Eyes - Mild irritant | Rabbit | - | 24 hrs | - |
| | Eyes - Mild irritant | Rabbit | - | 1 hrs | - |
| | Eyes - Moderate irritant | Rabbit | - | 6 hrs | - |
| Conclusion/Summary | | | | | |
| Skin | : Mixture. | Not fully tested. | | | |
| Eyes | | Not fully tested. | | | |
| Respiratory | : Mixture. | Not fully tested. | | | |
| <u>Sensitization</u> | | | | | |
| Conclusion/Summary | | | | | |
| Skin | | Not fully tested. | | | |
| Respiratory | : Mixture. | Not fully tested. | | | |
| <u>Mutagenicity</u> | | | | | |
| Conclusion/Summary | : Mixture. | Not fully tested. | | | |
| <u>Carcinogenicity</u> | | | | | |
| Conclusion/Summary | : Mixture. | Not fully tested. | | | |
| Reproductive toxicity | | | | | |
| Conclusion/Summary | : Mixture. | Not fully tested. | | | |
| <u>Teratogenicity</u> | | | | | |
| Conclusion/Summary | : Mixture. | Not fully tested. | | | |
| Specific target organ toxicit Not available. | <u>y (single exposure)</u> | | | | |

JOULE RHC



Version Number 1.0 Revision Date 01/09/2023

Page 10 of 16 Print Date 01/10/2023

| Name | Cate | gory | Route of exposure | Target organs |
|--|---|--|--|-------------------------------|
| 1,2-Ethanediol | Cate | gory 2 | oral | - |
| Aspiration hazard Not available. | | | | |
| Information on the likely routes of exposure | : | Not available. | | |
| Potential acute health effects | | | | |
| Eye contact Inhalation Skin contact Ingestion | :: | No known signific | e irritation. ant effects or critical ha ant effects or critical ha ant effects or critical ha | azards. |
| Symptoms related to the physical, | chemi | cal and toxicologica | al characteristics | |
| Eye contact | : | Adverse symptoms watering, redness | s may include the follow | ving: pain or irritation, |
| Inhalation Skin contact Ingestion | :: | No specific data. No specific data. No specific data. | | |
| Delayed and immediate effects and | also c | chronic effects from | n short and long term | exposure |
| Short term exposure | | | | |
| Potential immediate effects Potential delayed effects | : | Not available. Not available. | | |
| Long term exposure | | | | |
| Potential immediate effects Potential delayed effects | : | Not available. Not available. | | |
| Potential chronic health effects | | | | |
| Conclusion/Summary | : | Mixture.Not fully | tested. | |
| General Carcinogenicity Mutagenicity Teratogenicity Developmental effects Fertility effects | ::::::::::::::::::::::::::::::::::::::: | No known signific No known signific No known signific No known signific | e to organs through prol ant effects or critical ha ant effects or critical ha ant effects or critical ha ant effects or critical ha ant effects or critical ha | azards. azards. azards. |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023 Page 11 of 16 Print Date 01/10/2023

ÄVIENT"

Numerical measures of toxicity

Acute toxicity estimates

| Product/ingredient name | Oral | Dermal | Inhalation (gases) | Inhalation (vapors) | Inhalation (dusts and mists) |
|-------------------------|-------------|--------|-----------------------|------------------------|------------------------------------|
| JOULE RHC | 9,400 mg/kg | N/A | N/A | N/A | N/A |
| 1,2-Ethanediol | 4,700 mg/kg | N/A | N/A | N/A | 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 |
|-------------------------|------------------------------|----------------------------|----------|
| 1,2-Ethanediol | | | |
| | Acute LC50 8,050 Mg/l Fresh | Fish - Pimephales promelas | 96 h |
| | water | | |
| | Acute LC50 41,000 Mg/l Fresh | Daphnia - Daphnia magna | 48 h |
| | water | | |
| | Acute LC50 6,900 Mg/l Fresh | Crustaceans - Ceriodaphnia | 48 h |
| | water | dubia | |

Conclusion/Summary

Not available.

:

:

Persistence and degradability

Conclusion/Summary

Not available.

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| 1,2-Ethanediol | -1.36 | - | low |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

AVIENT

| Page 12 of 16 |
|-----------------------|
| Print Date 01/10/2023 |

<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 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 Ground/Air/Water | : | Not regulated for transportation. |
|-----------------------------------|---|--|
| International Air ICAO/IATA | : | Not classified as dangerous goods under transport regulations. |
| International Water IMO/IMDG | : | Not classified as dangerous goods under transport regulations. |

Section 15. Regulatory information

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

Page 13 of 16 Print Date 01/10/2023

| 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: Not listed 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 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): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - SCA 8(d) - Health and safety studies: Not listed United States - SCA 8(d) - Health and safety studies: Not listed 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 |
|---|---|---|
| | | United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed |
| Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) | : | Listed |
| Clean Air Act Section 602 Class I Substances | : | Not listed |
| Clean Air Act Section 602 Class II Substances | : | Not listed |
| DEA List I Chemicals (Precursor Chemicals) | : | Not listed |
| DEA List II Chemicals (Essential Chemicals) | : | Not listed |

US. EPA CERCLA Hazardous Substances (40 CFR 302)

| Chemical Name | CAS-No. | RQ for component |
|---------------|---------|------------------|
| | | · · · · · · |
| | 10/10 | |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

AVIENT

Page 14 of 16 Print Date 01/10/2023

| Ethylene glycol | 107-21-1 | 5,000 lb(s) 2,270 kg | |
|-----------------|----------|-------------------------|--|
|-----------------|----------|-------------------------|--|

:

SARA 311/312

Classification

EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

Composition/information on ingredients

| Name | % | Classification |
|----------------|---------------|--|
| 1,2-Ethanediol | >= 50 - <= 75 | EYE IRRITATION - Category 2A |
| | | SPECIFIC TARGET ORGAN TOXICITY (REPEATED |
| | | EXPOSURE) - oral - Category 2 |
| | | |

Form R - Reporting requirements

| Product name | CAS number | % |
|-----------------|------------|---------------|
| Ethylene glycol | 107-21-1 | >= 50 - <= 75 |
| | | |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

Not applicable.

| State regulations | |
|-------------------|---|
| Massachusetts | : None of the components are listed. |
| New York | : The following components are listed: Ethylene glycol |
| New Jersey | : The following components are listed: Ethylene glycol |
| Pennsylvania | : The following components are listed: Ethylene glycol |

California Prop. 65

WARNING: This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

| dosage level |
|--------------|
|--------------|

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

AVIENT

Page 15 of 16 Print Date 01/10/2023

| Ethylene glycol | | - Yes. |
|-----------------------------------|---|---|
| United States inventory (TSCA 8b) | : | All components are active or exempted. |
| C | | |
| Canada inventory | : | At least one component is not listed in DSL but all such components are listed in NDSL. |
| International regulations | | |
| <u>Inventory list</u> | | |
| Australia | : | Not determined. |
| Canada | : | At least one component is not listed in DSL but all such components are listed in NDSL. |
| China | : | Not determined. |
| Europe inventory | : | All components are listed or exempted. |
| Japan | : | All components are listed or exempted. |
| New Zealand | : | Not determined. |
| Philippines | : | Not determined. |
| Republic of Korea | : | All components are listed or exempted. |
| Taiwan | : | All components are listed or exempted. |
| Turkey | : | Not determined. |
| United States | : | All components are active or exempted. |

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. History

| Date of printing | : | 01/10/2023 |
|--------------------------------|---|------------|
| Date of issue/Date of revision | : | 01/09/2023 |
| Date of previous issue | : | 00/00/0000 |

JOULE RHC

Version Number 1.0 Revision Date 01/09/2023

ÀVIENT

Page 16 of 16 Print Date 01/10/2023

| 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 = International Air Transport Association IBC = 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) |
| References | : | UN = United Nations Not available. |

Notice to reader

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