(2012 OSHA Hazard Communication Standard (29 CFR 1910.1200))

# SAFETY DATA SHEET

Emit® tox Salicylic Acid Assay

SIEMENS

**MSDS no.** SY7S019

## Section 1. Identification

**GHS product identifier** : Emit® tox Salicylic Acid Assay

**Product code** : 7S019, OSR7S229, 10445392

**Other means of identification** : Emit® tox Salicylic Acid Assay, Reagent 1 — 7S019, OSR7S229
Emit® tox Salicylic Acid Assay, Reagent 2 — 7S019, OSR7S229

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Not applicable.

**Manufactured/supplied** :
Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097 USA
1-877-229-3711

(800) 424-9300 (CHEMTREC) (24/365)

## Section 2. Hazards identification

**OSHA/HCS status** :
Emit® tox Salicylic Acid Assay, Reagent 1 — This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emit® tox Salicylic Acid Assay, Reagent 2 — This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** :
Emit® tox Salicylic Acid Assay, Reagent 1 — SKIN SENSITIZATION - Category 1
Emit® tox Salicylic Acid Assay, Reagent 2 — Not classified.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

**GHS label elements**

**Hazard pictograms** :

**Signal word** :
Emit® tox Salicylic Acid Assay, Reagent 1 — Warning
Emit® tox Salicylic Acid Assay, Reagent 2 — No signal word.

**Hazard statements** :
Emit® tox Salicylic Acid Assay, Reagent 1 — H317 - May cause an allergic skin reaction.
Emit® tox Salicylic Acid Assay, Reagent 2 — No known significant effects or critical hazards.

**Precautionary statements**

**Prevention** :
Emit® tox Salicylic Acid Assay, Reagent 1 — P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not applicable.

## Section 2. Hazards identification

| | | | |
|---|---|---|---|
| **Response** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | P302 + P352 + P363 - IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. P333 + P313 - If skin irritation or rash occurs: Get medical attention. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not applicable. |
| **Storage** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not applicable. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not applicable. |
| **Disposal** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | P501 - Dispose of contents and container in accordance with all local, regional, and national regulations. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not applicable. |
| **Supplemental label elements** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | None known. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | None known. |
| **Hazards not otherwise classified** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | None known. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | None known. |

## Section 3. Composition/information on ingredients

| | | | |
|---|---|---|---|
| **Substance/mixture** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Mixture |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Mixture |

| Ingredient name | % | CAS number |
|---|---|---|
| **Emit® tox Salicylic Acid Assay, Reagent 1**<br>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 0.003 | 55965-84-9 |

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.**

## Section 4. First aid measures

**Description of necessary first aid measures**

| | | | |
|---|---|---|---|
| **Eye contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | 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 if irritation occurs. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| **Inhalation** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | 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 if adverse health effects persist or are severe. 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. In case of inhalation of |

# Section 4. First aid measures

| | | | |
|---|---|---|---|
| | | | decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| **Skin contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| **Ingestion** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | 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 if adverse health effects persist or are severe. 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. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Wash out mouth with water. 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. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |

## Most important symptoms/effects, acute and delayed

### Potential acute health effects

| | | | |
|---|---|---|---|
| **Eye contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | No known significant effects or critical hazards. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No known significant effects or critical hazards. |

# Section 4. First aid measures

| | | | |
|---|---|---|---|
| **Inhalation** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| **Skin contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | May cause an allergic skin reaction. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No known significant effects or critical hazards. |
| **Ingestion** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | No known significant effects or critical hazards. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No known significant effects or critical hazards. |

**Over-exposure signs/symptoms**

| | | | |
|---|---|---|---|
| **Eye contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | No specific data. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No specific data. |
| **Inhalation** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | No specific data. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No specific data. |
| **Skin contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Adverse symptoms may include the following:<br>irritation<br>redness |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No specific data. |
| **Ingestion** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | No specific data. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | 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 may be delayed. The exposed person may need to be kept under 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 suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

**See toxicological information (Section 11)**

# Section 5. Fire-fighting measures

**Extinguishing media**

| | | |
|---|---|---|
| **Suitable extinguishing media** | : | In case of fire, use water spray (fog), foam or dry chemical. |
| **Unsuitable extinguishing media** | : | 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:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>halogenated compounds |
| **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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised 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 containment and 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). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. 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 hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**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

None.

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

# Section 8. Exposure controls/personal protection

**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. Contaminated work clothing should not be allowed out of the workplace. 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 following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**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.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures 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** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

# Section 9. Physical and chemical properties

| | | | |
|---|---|---|---|
| **Physical state** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Liquid. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Liquid. |
| **Color** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Clear Yellowish. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Red. [Dark] |
| **Odor** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Odorless. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Odorless. [Slight] |
| **pH** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | 6 |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | 7.6 |
| **Flash point** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | [Product does not sustain combustion.] |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | [Product does not sustain combustion.] |
| **Flammability (solid, gas)** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Relative density** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Solubility in water** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Partition coefficient: n-octanol/water** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Auto-ignition temperature** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Viscosity** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |

# Section 10. Stability and reactivity

**Reactivity** : Emit® tox Salicylic Acid Assay, Reagent 1 — No specific test data related to reactivity available for this product or its ingredients.
Emit® tox Salicylic Acid Assay, Reagent 2 — No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : Emit® tox Salicylic Acid Assay, Reagent 1 — The product is stable.
Emit® tox Salicylic Acid Assay, Reagent 2 — The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**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 |
|---|---|---|---|---|
| **Emit® tox Salicylic Acid Assay, Reagent 1** reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | LD50 Oral | Rat | 53 mg/kg | - |

**Conclusion/Summary** : Emit® tox Salicylic Acid Assay, Reagent 1 — Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not available.

### Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|---|---|---|---|---|
| **Emit® tox Salicylic Acid Assay, Reagent 1** reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Skin - Severe irritant | Human | - | 0.01 Percent | - |

### Conclusion/Summary

**Skin** : Emit® tox Salicylic Acid Assay, Reagent 1 — Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not available.

**Eyes** : Emit® tox Salicylic Acid Assay, Reagent 1 — Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not available.

**Respiratory** : Emit® tox Salicylic Acid Assay, Reagent 1 — Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not available.

### Sensitization

Not available.

### Conclusion/Summary

**Skin** : Emit® tox Salicylic Acid Assay, Reagent 1 — Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not available.

**Respiratory** : Emit® tox Salicylic Acid Assay, Reagent 1 — Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 — Not available.

# Section 11. Toxicological information

## Mutagenicity

Not available.

**Conclusion/Summary** : Emit® tox Salicylic Acid Assay, Reagent 1 Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 Not available.

## Carcinogenicity

Not available.

**Conclusion/Summary** : Emit® tox Salicylic Acid Assay, Reagent 1 Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 Not available.

## Reproductive toxicity

Not available.

**Conclusion/Summary** : Emit® tox Salicylic Acid Assay, Reagent 1 Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 Not available.

## Teratogenicity

Not available.

**Conclusion/Summary** : Emit® tox Salicylic Acid Assay, Reagent 1 Not available.
Emit® tox Salicylic Acid Assay, Reagent 2 Not available.

## Specific target organ toxicity (single exposure)

Not available.

## Specific target organ toxicity (repeated exposure)

Not available.

## Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

## Potential acute health effects

**Eye contact** : Emit® tox Salicylic Acid Assay, Reagent 1 No known significant effects or critical hazards.
Emit® tox Salicylic Acid Assay, Reagent 2 No known significant effects or critical hazards.

**Inhalation** : Emit® tox Salicylic Acid Assay, Reagent 1 Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Emit® tox Salicylic Acid Assay, Reagent 2 Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

**Skin contact** : Emit® tox Salicylic Acid Assay, Reagent 1 May cause an allergic skin reaction.
Emit® tox Salicylic Acid Assay, Reagent 2 No known significant effects or critical hazards.

**Ingestion** : Emit® tox Salicylic Acid Assay, Reagent 1 No known significant effects or critical hazards.
Emit® tox Salicylic Acid Assay, Reagent 2 No known significant effects or critical hazards.

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

**Eye contact** : Emit® tox Salicylic Acid Assay, Reagent 1 No specific data.
Emit® tox Salicylic Acid Assay, Reagent 2 No specific data.

**Inhalation** : Emit® tox Salicylic Acid Assay, Reagent 1 No specific data.
Emit® tox Salicylic Acid Assay, Reagent 2 No specific data.

# Section 11. Toxicological information

| | | | |
|---|---|---|---|
| **Skin contact** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Adverse symptoms may include the following:<br>irritation<br>redness |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No specific data. |
| **Ingestion** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | No specific data. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | No specific data. |

## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

| | | | |
|---|---|---|---|
| **Potential immediate effects** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Potential delayed effects** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |

### Long term exposure

| | | | |
|---|---|---|---|
| **Potential immediate effects** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Potential delayed effects** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |

### Potential chronic health effects

Not available.

| | | | |
|---|---|---|---|
| **Conclusion/Summary** | : | Not available. | Emit® tox Salicylic Acid Assay, Reagent 1 |
| | | Not available. | Emit® tox Salicylic Acid Assay, Reagent 2 |
| **General** | : | Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. | |
| **Carcinogenicity** | : | No known significant effects or critical hazards. | |
| **Mutagenicity** | : | No known significant effects or critical hazards. | |
| **Teratogenicity** | : | No known significant effects or critical hazards. | |
| **Developmental effects** | : | No known significant effects or critical hazards. | |
| **Fertility effects** | : | No known significant effects or critical hazards. | |

## Numerical measures of toxicity

### Acute toxicity estimates

Not available.

| | | | |
|---|---|---|---|
| **Interactive effects** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Other information** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |

# Section 12. Ecological information

## Toxicity

Not available.

| | | | |
|---|---|---|---|
| **Conclusion/Summary** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |

## Persistence and degradability

| | | | |
|---|---|---|---|
| **Conclusion/Summary** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |

## Bioaccumulative potential

# Section 12. Ecological information

Not available.

**Mobility in soil**

| | | | |
|---|---|---|---|
| **Soil/water partition coefficient ($K_{OC}$)** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | Not available. |
| **Mobility** | : | Emit® tox Salicylic Acid Assay, Reagent 1 | Not available. |
| | | Emit® tox Salicylic Acid Assay, Reagent 2 | 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.

Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

# Section 14. Transport information

## DOT Classification

| | | |
|---|---|---|
| **UN number** | Emit® tox Salicylic Acid Assay, Reagent 1 | Not regulated. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | Not regulated. |
| **UN proper shipping name** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Transport hazard class(es)** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Packing group** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Environmental hazards** | Emit® tox Salicylic Acid Assay, Reagent 1 | No. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | No. |
| **Additional information** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

## TDG Classification

| | | |
|---|---|---|
| **UN number** | Emit® tox Salicylic Acid Assay, Reagent 1 | Not regulated. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | Not regulated. |
| **UN proper shipping name** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Transport hazard class(es)** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

# Section 14. Transport information

| | | |
|---|---|---|
| **Packing group** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Environmental hazards** | Emit® tox Salicylic Acid Assay, Reagent 1 | No. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | No. |
| **Additional information** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

## Mexico Classification

| | | |
|---|---|---|
| **UN number** | Emit® tox Salicylic Acid Assay, Reagent 1 | Not regulated. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | Not regulated. |
| **UN proper shipping name** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Transport hazard class(es)** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

| | | |
|---|---|---|
| **Packing group** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Environmental hazards** | Emit® tox Salicylic Acid Assay, Reagent 1 | No. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | No. |
| **Additional information** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

## ADR/RID

| | | |
|---|---|---|
| **UN number** | Emit® tox Salicylic Acid Assay, Reagent 1 | Not regulated. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | Not regulated. |
| **UN proper shipping name** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Transport hazard class(es)** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

| | | |
|---|---|---|
| **Packing group** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Environmental hazards** | Emit® tox Salicylic Acid Assay, Reagent 1 | No. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | No. |
| **Additional information** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

## IMDG

| | | |
|---|---|---|
| **UN number** | Emit® tox Salicylic Acid Assay, Reagent 1 | Not regulated. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | Not regulated. |
| **UN proper shipping name** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

# Section 14. Transport information

**Transport hazard class(es)**

| | | |
|---|---|---|
| **Packing group** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Environmental hazards** | Emit® tox Salicylic Acid Assay, Reagent 1 | No. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | No. |
| **Additional information** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

## IATA

| | | |
|---|---|---|
| **UN number** | Emit® tox Salicylic Acid Assay, Reagent 1 | Not regulated. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | Not regulated. |
| **UN proper shipping name** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Transport hazard class(es)** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Packing group** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |
| **Environmental hazards** | Emit® tox Salicylic Acid Assay, Reagent 1 | No. |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | No. |
| **Additional information** | Emit® tox Salicylic Acid Assay, Reagent 1 | - |
| | Emit® tox Salicylic Acid Assay, Reagent 2 | - |

**Special precautions for user** : Emit® tox Salicylic Acid Assay, Reagent 1 — **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Emit® tox Salicylic Acid Assay, Reagent 2 — **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

# Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) PAIR**: Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-; 1,1'-oxydipropan-2-ol

**TSCA 8(a) CDR Exempt/Partial exemption**: Not determined

**United States inventory (TSCA 8b)**: Not determined.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

# Section 15. Regulatory information

**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

## SARA 302/304

### Composition/information on ingredients

| Name | % | EHS | SARA 302 TPQ | | SARA 304 RQ | |
|---|---|---|---|---|---|---|
| | | | (lbs) | (gallons) | (lbs) | (gallons) |
| **Emit® tox Salicylic Acid Assay, Reagent 2** sodium azide | 0.09 | Yes. | 500 | - | 1000 | - |

**SARA 304 RQ** : 2222222.2 lbs / 1008888.9 kg

## SARA 311/312

**Classification** : Immediate (acute) health hazard

### Composition/information on ingredients

| Name | % | Fire hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|---|---|---|---|---|---|---|
| **Emit® tox Salicylic Acid Assay, Reagent 1** reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 0.003 | No. | No. | No. | Yes. | No. |

## State regulations

**Massachusetts** : None of the components are listed.

**New York** : None of the components are listed.

**New Jersey** : None of the components are listed.

**Pennsylvania** : None of the components are listed.

## California Prop. 65

**WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

| Ingredient name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|---|---|---|---|---|
| **Emit® tox Salicylic Acid Assay, Reagent 1** Methanol | No. | Yes. | No. | 23000 µg/day (ingestion) 47000 µg/day (inhalation) |
| **Emit® tox Salicylic Acid Assay, Reagent 2** Methanol | No. | Yes. | No. | 23000 µg/day (ingestion) 47000 µg/day (inhalation) |

# Section 15. Regulatory information

## International regulations

| | | | |
|---|---|---|---|
| **Chemical Weapons Convention List Schedule I Chemicals** | : | Emit® tox Salicylic Acid Assay, Reagent 1<br>Emit® tox Salicylic Acid Assay, Reagent 2 | Not listed<br>Not listed |
| **Chemical Weapons Convention List Schedule II Chemicals** | : | Emit® tox Salicylic Acid Assay, Reagent 1<br>Emit® tox Salicylic Acid Assay, Reagent 2 | Not listed<br>Not listed |
| **Chemical Weapons Convention List Schedule III Chemicals** | : | Emit® tox Salicylic Acid Assay, Reagent 1<br>Emit® tox Salicylic Acid Assay, Reagent 2 | Not listed<br>Not listed |

# Section 16. Other information

## History

**Date of issue/Date of revision** : 1/22/2016.

**Version** : 1.04

**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 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

**Indicates information that has changed from previously issued version.**

## Notice to reader

**Allergen** : **Not available.**