

# **Safety Data Sheet**

Copyright,2024, 3M Company.All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

This Safety Data Sheet has been prepared in accordance with the SS586 Specification for Hazard Communication for Hazardous Chemicals and Dangerous Goods.

| Document group: | 38-8828-6  | Version number:  | 2.00       |
|-----------------|------------|------------------|------------|
| Issue Date:     | 25/03/2024 | Supersedes date: | 19/06/2018 |

# **IDENTIFICATION**

### 1.1. Product identifier

3M<sup>™</sup> Egg White Protein Rapid Kit

### 1.2. Recommended use and restrictions on use

### **Recommended use**

Screening for the presence of allergens in the food and beverage industry.

### 1.3. Supplier's details

| Address:   | 3M Technologies (S) Pte Ltd, 10 Ang Mo Kio Street 65, Singapore 569059 |
|------------|--|
| Telephone: | +65 6450 8888  |
| Website:   | www.3m.com.sg  |

### **1.4.** Emergency telephone number

Company Emergency Hotline: +65 6591 6601 (8.15am - 5.00pm, Monday - Friday)

This product is a kit or a multipart product which consists of multiple, independently packaged components. An SDS for each of these components is included. Please do not separate the component SDSs from this cover page. The document numbers of the SDSs for components of this product are:

38-5690-3

# **TRANSPORT INFORMATION**

## **International Regulations**

UN No.: Not restricted for transport. UN Proper shipping name: Not restricted for transport. Transportation Class (IMO): None assigned Transportation Class (IATA): None assigned Other Dangerous Goods Descriptions (IMO): None assigned Other Dangerous Goods Descriptions (IATA): None assigned Packing Group: None assigned Marine pollutant: No DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

### 3M Singapore SDSs are available at www.3m.com.sg



# **Safety Data Sheet**

Copyright,2024, 3M Company.All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

This Safety Data Sheet has been prepared in accordance with the SS586 Specification for Hazard Communication for Hazardous Chemicals and Dangerous Goods.

| Document group: | 38-5690-3  | Version number:  | 2.00       |
|-----------------|------------|------------------|------------|
| Issue Date:     | 27/08/2024 | Supersedes date: | 18/06/2024 |

# **SECTION 1: Identification**

### 1.1. Product identifier

3M Extraction Buffer

### 1.2. Recommended use and restrictions on use

### Recommended use

For screening the presence of allergen proteins in the Food and Beverage industry, Industrial use.

### **1.3. Supplier's details**

| Address:   | 3M Technologies (S) Pte Ltd,10 Ang Mo Kio Street 65, Singapore 569059 |
|------------|---|
| Telephone: | +65 6450 8888   |
| Website:   | www.3m.com.sg   |

### **1.4. Emergency telephone number**

+65 6591 6601 (8.15am - 5.00pm, Monday - Friday)

# **SECTION 2: Hazard identification**

# 2.1. Classification of the substance or mixture

Serious Eye Damage/Irritation: Category 2.

**2.2. Label elements SIGNAL WORD** WARNING!

Symbols Exclamation mark |

Pictograms



HAZARD STATEMENTS

### H319

Causes serious eye irritation.

### PRECAUTIONARY STATEMENTS

#### **Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

None known.

# **SECTION 3: Composition/information on ingredients**

This material is a mixture.

| Ingredient      | CAS Nbr   | % by Wt |
|-----------------|-----------|---------|
| Water           | 7732-18-5 | 50 - 99 |
| GLYCEROL        | 56-81-5   | 0 - 15  |
| Urea            | 57-13-6   | 0 - 15  |
| Gelatins        | 9000-70-8 | 0 - 2   |
| Sodium chloride | 7647-14-5 | 0 - 2   |

# **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

#### Skin contact

No need for first aid is anticipated. If signs/symptoms persist, get medical attention.

#### Eve contact

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

### If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

# 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

# **SECTION 5: Fire-fighting measures**

### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### 5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

# **SECTION 6: Accidental release measures**

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

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Avoid eye contact. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

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

No special storage requirements.

# **SECTION 8: Exposure controls/personal protection**

### **8.1** Control parameters

### **Occupational exposure limits**

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | CAS Nbr | Agency         | Limit type                    | Additional comments |
|------------|---------|----------------|-------------------------------|---------------------|
| GLYCEROL   | 56-81-5 | Singapore PELs | TWA(as mist)(8 hours):10      |                     |
|            |         |                | mg/m3                         |                     |
| Urea       | 57-13-6 | AIHA           | TWA(as total particulates):10 |                     |
|            |         |                | mg/m3                         |                     |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

Singapore PELs : Singapore. Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit CEIL: Ceiling

CEIL: Ceiling

### 8.2. Exposure controls

### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

### **8.2.2.** Personal protective equipment (PPE)

### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Indirect vented goggles.

### Skin/hand protection

No chemical protective gloves are required.

### **Respiratory protection**

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates Organic vapor cartridges may have short service life.

For questions about suitability for a specific application, consult with your respirator manufacturer.

# **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

| information on basic physical and chemical properties |  |  |  |  |
|---|--|--|--|--|
| Physical state  | Liquid.  |  |  |  |
| Color   | Clear Colorless, Light Yellow                                  |  |  |  |
| Odor  | Very Slight Alcohol  |  |  |  |
| Odour threshold                                       | No data available.   |  |  |  |
| рН  | No data available.   |  |  |  |
| Melting point/Freezing point                          | No data available.   |  |  |  |
| Boiling point/Initial boiling point/Boiling range     | No data available.   |  |  |  |
| Flash point   | Flash point > 93 °C (200 °F) [ <i>Test Method</i> :Closed Cup] |  |  |  |
| Evaporation rate                                      | No data available.   |  |  |  |
| Flammability  | Not applicable.  |  |  |  |
|   |  |  |  |  |
| Flammable Limits(LEL)                                 | No data available.   |  |  |  |
| Flammable Limits(UEL)                                 | No data available.   |  |  |  |
| Vapour pressure                                       | No data available.   |  |  |  |
| Vapor Density and/or Relative Vapor Density           | No data available.   |  |  |  |
| Density   | No data available.   |  |  |  |
| Relative density                                      | 1.04 [ <i>Ref Std</i> :WATER=1]                                |  |  |  |
| Water solubility                                      | ubility Soluble  |  |  |  |
| Solubility- non-water                                 | Complete   |  |  |  |
| Partition coefficient: n-octanol/water                | No data available.   |  |  |  |
| Autoignition temperature                              | No data available.   |  |  |  |
| Decomposition temperature                             | No data available.   |  |  |  |
| Kinematic Viscosity                                   | No data available.   |  |  |  |
| Volatile organic compounds (VOC)                      | Not applicable.  |  |  |  |
| Percent volatile                                      | No data available.   |  |  |  |
| VOC less H2O & exempt solvents                        | Not applicable.  |  |  |  |
| Molecular weight                                      | Not applicable.  |  |  |  |
|   | 1  |  |  |  |

**Particle Characteristics** 

*Not applicable.* 

# **SECTION 10: Stability and reactivity**

**10.1 Reactivity** This material is considered to be non reactive under normal use conditions

**10.2 Chemical stability** Stable.

**10.3 Possibility of hazardous reactions** Hazardous polymerisation will not occur.

**10.4 Conditions to avoid** None known.

**10.5 Incompatible materials** None known.

10.6 Hazardous decomposition products Substance

None known.

**Condition** 

# **SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

**11.1 Information on Toxicological effects** 

Signs and Symptoms of Exposure

### Based on test data and/or information on the components, this material may produce the following health effects:

### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

### Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

### Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

### **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

### Acute Toxicity

| Name            | Route     | Species | Value  |
|-----------------|-----------|---------|--|
| Overall product | Ingestion |         | No data available; calculated ATE >5,000 mg/kg |
| GLYCEROL        | Dermal    | Rabbit  | LD50 estimated to be > 5,000 mg/kg             |

### **3M Extraction Buffer**

| GLYCEROL        | Ingestion                             | Rat                          | LD50 > 5,000 mg/kg                 |
|-----------------|---------------------------------------|------------------------------|------------------------------------|
| Urea            | Dermal                                |                              | LD50 estimated to be > 5,000 mg/kg |
| Urea            | Ingestion                             | Rat                          | LD50 14,300 mg/kg                  |
| Gelatins        | Ingestion                             | similar<br>compoun<br>ds     | LD50 > 2,500 mg/kg                 |
| Gelatins        | Dermal                                | similar<br>health<br>hazards | LD50 estimated to be > 5,000 mg/kg |
| Sodium chloride | Dermal                                | Rabbit                       | LD50 > 10,000 mg/kg                |
| Sodium chloride | Inhalation-<br>Dust/Mist<br>(4 hours) | Rat                          | LC50 > 10.5 mg/l                   |
| Sodium chloride | Ingestion                             | Rat                          | LD50 3,550 mg/kg                   |

ATE = acute toxicity estimate

### **Skin Corrosion/Irritation**

| Name            | Species | Value                     |
|-----------------|---------|---------------------------|
| GLYCEROL        | Rabbit  | No significant irritation |
| Urea            | Rabbit  | No significant irritation |
| Gelatins        | similar | No significant irritation |
|                 | compoun |                           |
|                 | ds      |                           |
| Sodium chloride | Rabbit  | No significant irritation |

## Serious Eye Damage/Irritation

| Name            | Species | Value                     |
|-----------------|---------|---------------------------|
| GLYCEROL        | Rabbit  | No significant irritation |
| Urea            | Rabbit  | Moderate irritant         |
| Gelatins        | similar | Mild irritant             |
|                 | compoun |                           |
|                 | ds      |                           |
| Sodium chloride | Rabbit  | Mild irritant             |

### Sensitization:

### **Skin Sensitisation**

| Name     | Species                  | Value          |
|----------|--------------------------|----------------|
| GLYCEROL | Guinea<br>pig            | Not classified |
| Gelatins | similar<br>compoun<br>ds | Not classified |

### **Respiratory Sensitisation**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Germ Cell Mutagenicity

| Name            | Route    | Value  |
|-----------------|----------|--|
|                 |          |  |
| Urea            | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Urea            | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| Gelatins        | In Vitro | Not mutagenic  |
| Sodium chloride | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Sodium chloride | In vivo  | Some positive data exist, but the data are not sufficient for classification |

### **3M Extraction Buffer**

# Carcinogenicity

| Name            | Route     | Species                       | Value  |
|-----------------|-----------|-------------------------------|--|
| GLYCEROL        | Ingestion | Mouse                         | Some positive data exist, but the data are not sufficient for classification |
| Urea            | Ingestion | Multiple<br>animal<br>species | Not carcinogenic   |
| Sodium chloride | Ingestion | Rat                           | Not carcinogenic   |

# **Reproductive Toxicity**

# **Reproductive and/or Developmental Effects**

| Name     | Route     | Value                                  | Species | Test result                 | Exposure<br>Duration |
|----------|-----------|--|---------|-----------------------------|----------------------|
| GLYCEROL | Ingestion | Not classified for female reproduction | Rat     | NOAEL<br>2,000<br>mg/kg/day | 2 generation         |
| GLYCEROL | Ingestion | Not classified for male reproduction   | Rat     | NOAEL<br>2,000<br>mg/kg/day | 2 generation         |
| GLYCEROL | Ingestion | Not classified for development         | Rat     | NOAEL<br>2,000<br>mg/kg/day | 2 generation         |

# Target Organ(s)

## Specific Target Organ Toxicity - single exposure

| Name | Route      | Target Organ(s)        | Value  | Species                           | Test result            | Exposure<br>Duration |
|------|------------|------------------------|--|-----------------------------------|------------------------|----------------------|
| Urea | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Professio<br>nal<br>judgeme<br>nt | NOAEL Not<br>available |                      |

# Specific Target Organ Toxicity - repeated exposure

| Name            | Route      | Target Organ(s)   | Value  | Species | Test result                  | Exposure<br>Duration |
|-----------------|------------|---|--|---------|------------------------------|----------------------|
| GLYCEROL        | Inhalation | respiratory system  <br>heart   liver   kidney<br>and/or bladder  | Not classified   | Rat     | NOAEL 3.91<br>mg/l           | 14 days              |
| GLYCEROL        | Ingestion  | endocrine system  <br>hematopoietic<br>system   liver  <br>kidney and/or<br>bladder   | Not classified   | Rat     | NOAEL<br>10,000<br>mg/kg/day | 2 years              |
| Urea            | Dermal     | heart   endocrine<br>system  <br>hematopoietic<br>system   liver  <br>immune system  <br>nervous system  <br>kidney and/or<br>bladder | Not classified   | Rat     | NOAEL Not<br>available       | 25 weeks             |
| Urea            | Ingestion  | liver   endocrine<br>system   kidney<br>and/or bladder  | Not classified   | Rat     | NOAEL<br>2,700<br>mg/kg/day  | 28 days              |
| Gelatins        | Ingestion  | bone, teeth, nails, and/or hair   | Not classified   | Human   | NOAEL Not<br>available       | 4 months             |
| Sodium chloride | Ingestion  | blood   kidney<br>and/or bladder  <br>vascular system   | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL<br>2,240<br>mg/kg/day  | 9 months             |
| Sodium chloride | Ingestion  | nervous system  <br>eyes  | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL<br>1,700<br>mg/kg/day  | 90 days              |

| Sodium chloride Inges | estion liver   respiratory<br>system | y Not classified | Rat | NOAEL 33<br>mg/kg/day | 90 days |
|-----------------------|--------------------------------------|------------------|-----|-----------------------|---------|
|-----------------------|--------------------------------------|------------------|-----|-----------------------|---------|

### **Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

# **SECTION 12: Ecological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

### Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

### **Chronic aquatic hazard:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

| Material        | CAS Nbr   | Organism                      | Туре  | Exposure | Test endpoint | Test result               |
|-----------------|-----------|-------------------------------|---|----------|---------------|---------------------------|
| GLYCEROL        | 56-81-5   | Bacteria                      | Experimental  | 16 hours | NOEC          | 10,000 mg/l               |
| GLYCEROL        | 56-81-5   | Rainbow trout                 | Experimental  | 96 hours | LC50          | 54,000 mg/l               |
| GLYCEROL        | 56-81-5   | Water flea                    | Experimental  | 48 hours | LC50          | 1,955 mg/l                |
| Urea            | 57-13-6   | Fish                          | Experimental  | 96 hours | LC50          | 139.4 mg/l                |
| Urea            | 57-13-6   | Green algae                   | Experimental  | 72 hours | ErC50         | 24,541.9 mg/l             |
| Urea            | 57-13-6   | Water flea                    | Experimental  | 48 hours | EC50          | 6,600 mg/l                |
| Urea            | 57-13-6   | Green algae                   | Experimental  | 72 hours | ErC10         | 6,895.8 mg/l              |
| Urea            | 57-13-6   | Water flea                    | Experimental  | 21 days  | NOEC          | 140.7 mg/l                |
| Urea            | 57-13-6   | Bacteria                      | Experimental  | 16 hours | NOEC          | 10,000 mg/l               |
| Urea            | 57-13-6   | Domestic Chicken              | Experimental  | 21 days  | LC50          | 150,000 ppm diet          |
| Urea            | 57-13-6   | Redworm                       | Experimental  | 14 days  | LC50          | >2,000 mg/kg (Dry Weight) |
| Urea            | 57-13-6   | Redworm                       | Experimental  | 60 days  | EC10          | 160 mg/kg (Dry Weight)    |
| Urea            | 57-13-6   | Soil microbes                 | Experimental  | 24 days  | NOEC          | 2,358 mg/kg (Dry Weight)  |
| Urea            | 57-13-6   | Sugar beet                    | Experimental  | 49 days  | NOEC          | 675 mg/kg (Dry Weight)    |
| Gelatins        | 9000-70-8 | N/A                           | Data not available<br>or insufficient for<br>classification | N/A      | N/A           | N/A                       |
| Sodium chloride | 7647-14-5 | Activated sludge              | Experimental  | N/A      | NOEC          | 8,000 mg/l                |
| Sodium chloride | 7647-14-5 | Algae or other aquatic plants | Experimental  | 96 hours | EC50          | 2,430 mg/l                |
| Sodium chloride | 7647-14-5 | Bluegill                      | Experimental  | 96 hours | LC50          | 5,840 mg/l                |
| Sodium chloride | 7647-14-5 | Water flea                    | Experimental  | 48 hours | LC50          | 874 mg/l                  |
| Sodium chloride | 7647-14-5 | Fathead minnow                | Experimental  | 33 days  | NOEC          | 252 mg/l                  |
| Sodium chloride | 7647-14-5 | Water flea                    | Experimental  | 21 days  | NOEC          | 314 mg/l                  |

### 12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|----------|---------|-----------|----------|------------|-------------|----------|
|          |         |           |          |            |             |          |
|          |         |           |          |            |             |          |

| GLYCEROL        | 56-81-5   | Experimental Biodegradation                    | 14 days | BOD                               | 63 %BOD/ThOD              | OECD 301C - MITI test (I)        |
|-----------------|-----------|--|---------|-----------------------------------|---------------------------|----------------------------------|
| Urea            | 57-13-6   | Analogous<br>Compound<br>Biodegradation        | 21 days | Dissolv. Organic<br>Carbon Deplet | 90-100 %removal<br>of DOC | OECD 301A - DOC Die<br>Away Test |
| Urea            | 57-13-6   | Experimental<br>Aquatic Inherent<br>Biodegrad. | 16 days | Dissolv. Organic<br>Carbon Deplet | 96 %removal of<br>DOC     | OECD 302B Zahn-<br>Wellens/EVPA  |
| Gelatins        | 9000-70-8 | Data not<br>available-<br>insufficient         | N/A     | N/A                               | N/A                       | N/A                              |
| Sodium chloride | 7647-14-5 | Data not<br>available-<br>insufficient         | N/A     | N/A                               | N/A                       | N/A                              |

### **12.3 : Bioaccumulative potential**

| Material        | CAS Nbr   | Test type   | Duration | Study Type | Test result | Protocol                     |
|-----------------|-----------|---|----------|------------|-------------|------------------------------|
| GLYCEROL        | 56-81-5   | Experimental<br>Bioconcentration                            |          | Log Kow    | -1.76       |                              |
| Urea            | 57-13-6   | Experimental<br>Bioconcentration                            |          | Log Kow    | -1.73       | EC A.8 Partition Coefficient |
| Gelatins        | 9000-70-8 | Data not available<br>or insufficient for<br>classification | N/A      | N/A        | N/A         | N/A                          |
| Sodium chloride | 7647-14-5 | Data not available<br>or insufficient for<br>classification | N/A      | N/A        | N/A         | N/A                          |

### 12.4. Mobility in soil

Please contact manufacturer for more details

### 12.5 Other adverse effects

No information available.

# **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

# **SECTION 14: Transport Information**

### **International Regulations**

UN No.: Not restricted for transport. UN Proper shipping name: Not restricted for transport.

Transportation Class (IMO): None assignedTransportation Class (IATA): None assignedOther Dangerous Goods Descriptions (IMO):None assignedOther Dangerous Goods Descriptions (IATA):None assignedPacking Group: None assignedMarine pollutant: No

# **SECTION 15: Regulatory information**

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

### **Global inventory status**

Contact 3M for more information.

### This product may contain component(s) that are regulated by the following:

Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations: this product is subject to SDS, labelling, PEL and other requirements in the Act/Regulations.

# **SECTION 16: Other information**

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

### 3M Singapore SDSs are available at www.3m.com.sg