



Safety Data Sheet

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|------------------------|------------|-------------------------|------------|
| Document group: | 31-9969-2 | Version number: | 3.02 |
| Revision date: | 06/10/2023 | Supersedes date: | 19/08/2021 |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Gel Wash Rich Suds (Marine/RV) M54 [M5401 M5416]

Product Identification Numbers

14-1000-1257-5 14-1001-5643-0

7012610126 7100315605

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Marine

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

This material has been tested for eye damage/irritation and the test results are reflected in the assigned classification.
This material has been tested for skin corrosion/irritation and the test results are reflected in the assigned classification.

CLASSIFICATION:

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315
Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319
Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

SIGNAL WORD

WARNING.

Symbols

GHS07 (Exclamation mark) |

Pictograms



HAZARD STATEMENTS:

| | |
|------|--|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

PRECAUTIONARY STATEMENTS

General:

| | |
|------|--------------------------------|
| P102 | Keep out of reach of children. |
|------|--------------------------------|

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. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |

Disposal:

| | |
|------|--|
| P501 | Dispose of contents/container in accordance with applicable local/regional/national/international regulations. |
|------|--|

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

| | |
|--------|---|
| EUH208 | Contains 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). May produce an allergic reaction. |
|--------|---|

Information required per Regulation (EU) No 528/2012, as amended for Great Britain on Biocidal Products:

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

Notes on labelling

Updated per Regulation (EC) No. 648/2004 as amended for Great Britain on detergents.

Ingredients required per 648/2004: 5-15%: Anionic surfactant. <5%: Amphoteric surfactant, Non-ionic surfactants. Contains: Perfumes, Colorants, Cinnamyl alcohol, Cinnamal, Alpha-isomethyl ionone, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

2.3. Other hazards

None known.

This material does not contain any substances that are assessed to be a PBT or vPvB

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Ingredient | Identifier(s) | % | Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB |
|---|--|----------|--|
| Non-Hazardous Ingredients | (CAS-No.) 7732-18-5 (EC-No.) 231-791-2 | 70 - 90 | Substance not classified as hazardous |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | (CAS-No.) 85586-07-8 (EC-No.) 287-809-4 | 1 - 5 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | (CAS-No.) 61789-40-0 (EC-No.) 263-058-8 | 1 - 3 | Eye Dam. 1, H318 Aquatic Acute 1, H400,M=1 Aquatic Chronic 2, H411 |
| Dodecyldimethylamine oxide | (CAS-No.) 1643-20-5 (EC-No.) 216-700-6 | 1 - 3 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400,M=1 Aquatic Chronic 1, H410,M=1 |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | (EC-No.) 931-534-0 | 1 - 3 | Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Sodium Laurylpolyethoxyethanol Sulphate | (CAS-No.) 68891-38-3 (EC-No.) 500-234-8 | 1 - 3 | Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | (CAS-No.) 68411-30-3 (EC-No.) 270-115-0 | 1 - 3 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| 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) | (CAS-No.) 55965-84-9 (EC-No.) 911-418-6 | < 0.0015 | EUH071 Acute Tox. 3, H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400,M=100 Aquatic Chronic 1, H410,M=100 Nota B Acute Tox. 2, H330 Acute Tox. 2, H310 |

Any entry in the Identifier(s) column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.
Please see section 16 for the full text of any H statements referred to in this section

Specific Concentration Limits

| Ingredient | Identifier(s) | Specific Concentration Limits |
|--|--|--|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | (CAS-No.) 61789-40-0 (EC-No.) 263-058-8 | (C >= 15%) Eye Dam. 1, H318 (5% =< C < 15%) Eye Irrit. 2, H319 |
| 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) | (CAS-No.) 55965-84-9 (EC-No.) 911-418-6 | (C >= 0.6%) Skin Corr. 1C, H314 (0.06% =< C < 0.6%) Skin Irrit. 2, H315 (C >= 0.6%) Eye Dam. 1, H318 (0.06% =< C < 0.6%) Eye Irrit. 2, H319 (C >= 0.0015%) Skin Sens. 1A, H317 |
| Sodium Laurylpolyethoxyethanol Sulphate | (CAS-No.) 68891-38-3 (EC-No.) 500-234-8 | (C >= 10%) Eye Dam. 1, H318 (5% =< C < 10%) Eye Irrit. 2, H319 |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | (EC-No.) 931-534-0 | (C >= 5%) Skin Irrit. 2, H315 (C >= 38%) Eye Dam. 1, H318 (5% =< C < 38%) Eye Irrit. 2, H319 |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | (CAS-No.) 85586-07-8 (EC-No.) 287-809-4 | (C >= 20%) Eye Dam. 1, H318 (10% =< C < 20%) Eye Irrit. 2, H319 |

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

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

Rinse skin with large amounts of water. If symptoms persist, get medical attention.

Eye 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. Extinguishing media

Material will not burn.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u> |
|----------------------------|--------------------|
| Carbon monoxide | During combustion. |
| Carbon dioxide. | During combustion. |
| Irritant vapours or gases. | During combustion. |

5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

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 vapours, 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. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

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.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. 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

Protect from sunlight. Store away from heat.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

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.

Applicable Norms/Standards

Use eye protection conforming to EN 166

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|------------------|-----------------------|--------------------------|
| Polymer laminate | No data available | No data available |

Applicable Norms/Standards

Use gloves tested to EN 374

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

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

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-------------------------------------|---|
| Physical state | Liquid. |
| Colour | Bright Yellow |
| Odor | Pleasant Odor, Fruity Odor, Sweet Clean |
| Odour threshold | No data available. |
| Melting point/freezing point | Not applicable. |

| | |
|---|---------------------------|
| Boiling point/boiling range | <i>No data available.</i> |
| Flammability (solid, gas) | Not applicable. |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Flash point | No flash point |
| Autoignition temperature | <i>Not applicable.</i> |
| Decomposition temperature | <i>No data available.</i> |
| pH | 8.8 - 9.5 |
| Kinematic Viscosity | <i>No data available.</i> |
| Water solubility | Complete |
| Solubility- non-water | Complete |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Vapour pressure | <i>No data available.</i> |
| Density | 1 g/cm ³ |
| Relative density | 1 [Ref Std: WATER=1] |
| Relative Vapour Density | <i>No data available.</i> |

9.2. Other information

9.2.2 Other safety characteristics

| | |
|--------------------------------------|--|
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Molecular weight | <i>No data available.</i> |
| Percent volatile | 87.2 % weight [Test Method: Estimated] |

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

Heat.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1. Information on hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

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

Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, dryness, cracking, blistering, and pain.
Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

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 | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Dermal | Rat | LD50 > 2,000 mg/kg |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Ingestion | Rat | LD50 1,800 mg/kg |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Dermal | Rabbit | LD50 6,300 mg/kg |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 52 mg/l |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Rat | LD50 2,079 mg/kg |
| Sodium Laurylpolyethoxyethanol Sulphate | Dermal | Rat | LD50 > 2,000 mg/kg |
| Sodium Laurylpolyethoxyethanol Sulphate | Ingestion | Rat | LD50 2,870 mg/kg |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | Dermal | Rat | LD50 > 2,000 mg/kg |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | Ingestion | Rat | LD50 1,080 mg/kg |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Dermal | Rat | LD50 > 2,000 mg/kg |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Ingestion | Rat | LD50 > 1,500 mg/kg |
| Dodecyldimethylamine oxide | Dermal | similar compounds | LD50 > 2,000 mg/kg |
| Dodecyldimethylamine oxide | Ingestion | similar compounds | LD50 1,064 mg/kg |
| 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) | Dermal | Rabbit | LD50 87 mg/kg |
| 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) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.171 mg/l |

Gel Wash Rich Suds (Marine/RV) M54 [M5401 M5416]

| | | | |
|--|-----------|-----|---------------|
| 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) | Ingestion | Rat | LD50 40 mg/kg |
|--|-----------|-----|---------------|

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|-------------------|---------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Rabbit | Irritant |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Rabbit | Irritant |
| Sodium Laurylpolyethoxyethanol Sulphate | Rabbit | Irritant |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | Rabbit | Irritant |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Rabbit | Mild irritant |
| Dodecyldimethylamine oxide | similar compounds | Irritant |
| 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) | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|-------------------|-----------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Rabbit | Corrosive |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Rabbit | Corrosive |
| Sodium Laurylpolyethoxyethanol Sulphate | Rabbit | Corrosive |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | Rabbit | Corrosive |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Rabbit | Corrosive |
| Dodecyldimethylamine oxide | similar compounds | Corrosive |
| 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) | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|--|-------------------------|----------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Guinea pig | Not classified |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Guinea pig | Not classified |
| Sodium Laurylpolyethoxyethanol Sulphate | Guinea pig | Not classified |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | Guinea pig | Not classified |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Multiple animal species | Not classified |
| Dodecyldimethylamine oxide | Guinea pig | Not classified |
| 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) | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|--|------------------|-----------------|
| 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) | Human and animal | Not sensitising |

Respiratory Sensitisation

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

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|--|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | In Vitro | Not mutagenic |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | In Vitro | Not mutagenic |
| Sodium Laurylpolyethoxyethanol Sulphate | In Vitro | Not mutagenic |
| Sodium Laurylpolyethoxyethanol Sulphate | In vivo | Not mutagenic |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | In Vitro | Not mutagenic |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | In vivo | Not mutagenic |
| Dodecyldimethylamine oxide | In Vitro | Not mutagenic |
| 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) | In vivo | Not mutagenic |
| 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) | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|-----------|---------|------------------|
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Rat | Not carcinogenic |
| 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) | Dermal | Mouse | Not carcinogenic |
| 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) | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|--|-----------|--|---------|---------------------|----------------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Ingestion | Not classified for development | Rat | NOAEL 250 mg/kg/day | during organogenesis |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Not classified for development | Mouse | NOAEL 2 mg/kg/day | during organogenesis |
| Sodium Laurylpolyethoxyethanol Sulphate | Ingestion | Not classified for female reproduction | Rat | NOAEL 300 mg/kg/day | 90 days |
| Sodium Laurylpolyethoxyethanol Sulphate | Ingestion | Not classified for male reproduction | Rat | NOAEL 300 mg/kg/day | 90 days |
| Sodium Laurylpolyethoxyethanol Sulphate | Ingestion | Not classified for development | Rat | NOAEL 300 mg/kg/day | 2 generation |
| 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) | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 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) | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| 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) | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------|-------|-----------------|-------|---------|-------------|-------------------|
|------|-------|-----------------|-------|---------|-------------|-------------------|

| | | | | | | |
|---|------------|------------------------|--|------------------------|----------------------|--|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| Sodium Laurylpolyethoxyethanol Sulphate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Dodecyl dimethylamine oxide | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available. | |
| 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) | Inhalation | respiratory irritation | May cause respiratory irritation | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|--|-----------|--|--|-------------------|-----------------------|-------------------|
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | endocrine system hematopoietic system liver immune system eyes kidney and/or bladder | Not classified | Rat | NOAEL 195 mg/kg/day | 2 years |
| Sodium Laurylpolyethoxyethanol Sulphate | Dermal | skin heart endocrine system gastrointestinal tract hematopoietic system liver immune system nervous system eyes kidney and/or bladder respiratory system vascular system | Not classified | Mouse | NOAEL 6.91 mg/day | 90 days |
| Sodium Laurylpolyethoxyethanol Sulphate | Ingestion | blood eyes | Not classified | Rat | NOAEL 225 mg/kg/day | 90 days |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Ingestion | heart endocrine system hematopoietic system liver nervous system eyes kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 92 days |
| Dodecyl dimethylamine oxide | Ingestion | eyes | Some positive data exist, but the data are not sufficient for classification | similar compounds | NOAEL 88 mg/kg/day | 90 days |

Aspiration Hazard

For the component/components, either no data is currently available or the data is 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.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|--|------------|------------------|--------------------|----------|---------------|-------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Activated sludge | Analogous Compound | 3 hours | EC50 | 135 mg/l |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Green algae | Experimental | 72 hours | ErC10 | 5.4 mg/l |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Green algae | Experimental | 72 hours | ErC50 | >20 mg/l |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Rainbow trout | Experimental | 96 hours | LC50 | 3.6 mg/l |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Water flea | Experimental | 48 hours | EC50 | 4.7 mg/l |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Fathead minnow | Analogous Compound | 42 days | NOEC | 1.4 mg/l |
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Water flea | Analogous Compound | 7 days | NOEC | 0.88 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Bacteria | Experimental | 16 hours | NOEC | 30 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Bluegill | Experimental | 96 hours | LC50 | 1.67 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Green algae | Experimental | 72 hours | ErC50 | 7.4 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Water flea | Experimental | 48 hours | EC50 | 2.9 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Green algae | Experimental | 72 hours | NOEC | 1.28 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Rainbow trout | Experimental | 72 days | NOEC | 0.23 mg/l |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium | 68411-30-3 | Water flea | Experimental | 21 days | NOEC | 1.18 mg/l |

Gel Wash Rich Suds (Marine/RV) M54 [M5401 M5416]

| | | | | | | |
|--|------------|----------------|--------------|------------|-------|--------------|
| salts | | | | | | |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Bacteria | Experimental | 30 minutes | NOEC | >3,000 mg/l |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Common Carp | Experimental | 96 hours | LC50 | 1.9 mg/l |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Green algae | Experimental | 96 hours | EC50 | 0.55 mg/l |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Water flea | Experimental | 24 hours | EC50 | 1.1 mg/l |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Green algae | Experimental | 72 hours | NOEC | 0.09 mg/l |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Water flea | Experimental | 21 days | NOEC | 0.9 mg/l |
| Dodecyldimethylamine oxide | 1643-20-5 | Green algae | Experimental | 72 hours | ErC50 | 0.11 mg/l |
| Dodecyldimethylamine oxide | 1643-20-5 | Medaka | Experimental | 96 hours | LC50 | 30 mg/l |
| Dodecyldimethylamine oxide | 1643-20-5 | Water flea | Experimental | 48 hours | EC50 | 2.2 mg/l |
| Dodecyldimethylamine oxide | 1643-20-5 | Fathead minnow | Experimental | 302 days | NOEC | 0.42 mg/l |
| Dodecyldimethylamine oxide | 1643-20-5 | Green algae | Experimental | 72 hours | NOEC | 0.0049 mg/l |
| Dodecyldimethylamine oxide | 1643-20-5 | Water flea | Experimental | 21 days | NOEC | 0.36 mg/l |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Bacteria | Experimental | 16 hours | ErC50 | >10,000 mg/l |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Green algae | Experimental | 72 hours | ErC50 | 27.7 mg/l |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Water flea | Experimental | 48 hours | EC50 | 7.2 mg/l |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Zebra Fish | Experimental | 96 hours | LC50 | 7.1 mg/l |

Gel Wash Rich Suds (Marine/RV) M54 [M5401 M5416]

| | | | | | | |
|--|------------|------------------|--------------------|----------|-------|-------------|
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Water flea | Analogous Compound | 21 days | NOEC | 0.27 mg/l |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Green algae | Experimental | 72 hours | NOEC | 0.95 mg/l |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Diatom | Estimated | 72 hours | EC50 | 1.97 mg/l |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Zebra Fish | Estimated | 96 hours | LC50 | 4.2 mg/l |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Water flea | Experimental | 48 hours | EC50 | 4.53 mg/l |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Diatom | Estimated | 72 hours | EC10 | 1.2 mg/l |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Water flea | Experimental | 21 days | NOEC | 2.4 mg/l |
| 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) | 55965-84-9 | Activated sludge | Experimental | 3 hours | NOEC | 0.91 mg/l |
| 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) | 55965-84-9 | Bacteria | Experimental | 16 hours | EC50 | 5.7 mg/l |
| 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) | 55965-84-9 | Copepod | Experimental | 48 hours | EC50 | 0.007 mg/l |
| 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) | 55965-84-9 | Diatom | Experimental | 72 hours | ErC50 | 0.0199 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- | 55965-84-9 | Green algae | Experimental | 72 hours | ErC50 | 0.027 mg/l |

| | | | | | | |
|--|------------|-------------------|--------------|----------|------|--------------|
| one [EC no. 220-239-6] (3:1) | | | | | | |
| 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) | 55965-84-9 | Rainbow trout | Experimental | 96 hours | LC50 | 0.19 mg/l |
| 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) | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50 | 0.3 mg/l |
| 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) | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.099 mg/l |
| 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) | 55965-84-9 | Diatom | Experimental | 48 hours | NOEC | 0.00049 mg/l |
| 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) | 55965-84-9 | Fathead minnow | Experimental | 36 days | NOEL | 0.02 mg/l |
| 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) | 55965-84-9 | Green algae | Experimental | 72 hours | NOEC | 0.004 mg/l |
| 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) | 55965-84-9 | Water flea | Experimental | 21 days | NOEC | 0.004 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|-----------------------------|----------|---------------|-----------------------------------|-----------------------------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Experimental Biodegradation | 28 days | BOD | 96 %BOD/ThOD | OECD 301D - Closed bottle test |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium | 68411-30-3 | Experimental Biodegradation | 29 days | CO2 evolution | 85 %CO2 evolution/THCO2 evolution | OECD 301B - Modified sturm or CO2 |

| | | | | | | |
|--|------------|-----------------------------------|---------|--------------------------------|---|-----------------------------------|
| salts | | | | | | |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Experimental Biodegradation | 28 days | Dissolv. Organic Carbon Deplet | 100 %removal of DOC | OECD 301E - Modif. OECD Screen |
| Dodecyldimethylamine oxide | 1643-20-5 | Experimental Biodegradation | 28 days | CO2 evolution | 95.27 %CO2 evolution/THCO2 evolution | OECD 301B - Modified sturm or CO2 |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Experimental Biodegradation | 28 days | Dissolv. Organic Carbon Deplet | 100 %CO2 evolution/THCO2 evolution | EC C.4.C. CO2 Evolution Test |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Experimental Biodegradation | 28 days | CO2 evolution | 80 %CO2 evolution/THCO2 evolution | OECD 301B - Modified sturm or CO2 |
| 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) | 55965-84-9 | Analogous Compound Biodegradation | 29 days | CO2 evolution | 62 %CO2 evolution/THCO2 evolution (does not pass 10-day window) | OECD 301B - Modified sturm or CO2 |
| 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) | 55965-84-9 | Experimental Hydrolysis | | Hydrolytic half-life (pH 7) | > 60 days (t 1/2) | |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|-------------------------------|-----------|------------------------|-------------|----------------------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Experimental Bioconcentration | | Log Kow | 0.78 | OECD 123 log Kow slow stir |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Experimental BCF - Fish | 192 hours | Bioaccumulation factor | 2-987 | OECD305-Bioconcentration |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Experimental Bioconcentration | | Log Kow | 1.4 | OECD 123 log Kow slow stir |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | Estimated Bioconcentration | | Log Kow | 0.69 | |
| Dodecyldimethylamine oxide | 1643-20-5 | Estimated Bioconcentration | | Log Kow | 1.85 | |
| Sodium Laurylpolyethoxyethanol Sulphate | 68891-38-3 | Experimental Bioconcentration | | Log Kow | 0.3 | OECD 123 log Kow slow stir |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 931-534-0 | Estimated Bioconcentration | | Log Kow | -1.3 | |

| | | | | | | |
|--|------------|-------------------------------------|---------|------------------------|-----|--------------------------|
| 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) | 55965-84-9 | Analogous Compound BCF - Fish | 28 days | Bioaccumulation factor | 54 | OECD305-Bioconcentration |
| 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) | 55965-84-9 | Analogous Compound Bioconcentration | | Log Kow | 0.4 | |

12.4. Mobility in soil

| Material | Cas No. | Test type | Study Type | Test result | Protocol |
|--|------------|-------------------------------|------------|---------------|--------------------------------|
| Sulfuric acid, mono-C12-14-alkyl esters, sodium salts | 85586-07-8 | Experimental Mobility in Soil | Koc | 316-1567 l/kg | |
| Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts | 68411-30-3 | Experimental Mobility in Soil | Koc | 2,500 l/kg | |
| Dodecyl dimethylamine oxide | 1643-20-5 | Modeled Mobility in Soil | Koc | 1,100 l/kg | ACD/Labs ChemSketch™ |
| 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) | 55965-84-9 | Experimental Mobility in Soil | Koc | 10 l/kg | OECD 106 Adsp-Desb Batch Equil |

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the

manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 29* Detergents containing dangerous substances

SECTION 14: Transportation information

Not hazardous for transportation.

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|--|--|--|--|
| 14.1 UN number | No data available. | No data available. | No data available. |
| 14.2 UN proper shipping name | No data available. | No data available. | No data available. |
| 14.3 Transport hazard class(es) | No data available. | No data available. | No data available. |
| 14.4 Packing group | No data available. | No data available. | No data available. |
| 14.5 Environmental hazards | No data available. | No data available. | No data available. |
| 14.6 Special precautions for user | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| 14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code | No data available. | No data available. | No data available. |
| Control Temperature | No data available. | No data available. | No data available. |
| Emergency Temperature | No data available. | No data available. | No data available. |
| ADR Classification Code | No data available. | No data available. | No data available. |
| IMDG Segregation Code | No data available. | No data available. | No data available. |

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Restrictions on the manufacture, placing on the market and use:**

The following substance(s) contained in this product is/are subject to Annex XVII of regulation (EC) 1907/2006, as amended for GB, with regard to restrictions on the manufacture, placing on the market and use when present in certain dangerous conditions. Users of this product are required to comply with the restrictions placed upon it by the aforementioned provision.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin- 55965-84-9
 3-one [EC no. 247-500-7]and 2-methyl-2H-
 isothiazol-3-one [EC no. 220-239-6] (3:1)

Global inventory status

Contact manufacturer for more information The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

COMAH Regulation, SI 2015/483

Seveso hazard categories, Annex 1, Part 1
 None

Seveso named dangerous substances, Annex 1, Part 2

| Dangerous Substances | Identifier(s) | Qualifying quantity (tonnes) for the application of | |
|--|---------------|---|-------------------------|
| | | Lower-tier requirements | Upper-tier requirements |
| 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) | 55965-84-9 | 50 | 200 |

Regulation (EU) No 649/2012, as amended for GB

No chemicals listed

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

SECTION 16: Other information

List of relevant H statements

- EUH071 Corrosive to the respiratory tract.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

| | |
|------|---|
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

GB Section 02: CLP Remark(phrase) information was added.
GB Section 02: Other hazards phrase information was added.
GB Section 04: Information on toxicological effects information was added.
GB Section 12: Classification Warning information was added.
GB Section 15: Chemical Safety Assessment information was added.
GB Section 15: Label remarks and EU Detergent information was added.
GBSDS Section 14 Transport in bulk - Main Heading information was added.
GBSDS Section 14 UN Number information was added.
Section 1: Product identification numbers information was added.
Section 01: SAP Material Numbers information was added.
CLP Remark(phrase) information was deleted.
Contains statement for sensitizers information was added.
Contains statement for sensitizers information was deleted.
List of sensitizers information was added.
List of sensitizers information was deleted.
Section 2: Other hazards phrase information was deleted.
Section 3: Composition/ Information of ingredients table information was added.
Section 3: Composition/ Information of ingredients table information was deleted.
Section 03: SCL table information was added.
Section 03: SCL table information was deleted.
Section 04: Information on toxicological effects information was deleted.
Section 9: Vapour density value information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Classification disclaimer information was deleted.
Section 11: GB Classification disclaimer information was added.
Section 11: GB No endocrine disruptor information available warning information was added.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: No endocrine disruptor information available warning information was deleted.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Target Organs - Repeated Table information was added.
Section 11: Target Organs - Repeated Table information was deleted.
Section 11: Target Organs - Single Table information was modified.
Section 12: 12.6. Endocrine Disrupting Properties information was deleted.
Section 12: 12.6. Other adverse effects information was added.
Section 12: 12.7. Other adverse effects information was deleted.
Section 12: Classification Warning information was deleted.
Section 12: Component ecotoxicity information information was modified.
Section 12: Mobility in soil information information was modified.
Prints No Data if Adverse effects information is not present information was deleted.
Section 12: No endocrine disruptor information available warning information was added.
Section 12: No endocrine disruptor information available warning information was deleted.
Section 12: Persistence and Degradability information information was modified.
Section 12: Bioaccumulative potential information information was modified.

Section 14 Multiplier – Main Heading information was deleted.

Section 14 Multiplier – Regulation Data information was deleted.

Section 14 Transport Category – Main Heading information was deleted.

Section 14 Transport Category – Regulation Data information was deleted.

Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was deleted.

Section 14 Tunnel Code – Main Heading information was deleted.

Section 14 Tunnel Code – Regulation Data information was deleted.

Section 14 UN Number information was deleted.

Section 15: Chemical Safety Assessment information was deleted.

Section 15: Label remarks and EU Detergent information was deleted.

Section 15: Restrictions on manufacture ingredients information information was added.

Section 15: Seveso Substance Text information was added.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was added.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was deleted.

Section 16: Web address information was added.

Section 16: Web address information was deleted.

Section 2: No PBT/vPvB information available warning information was added.

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