



Safety Data Sheet

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| | | | |
|------------------------|------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

3M Protection & Care Cream 50367 / 50803

Product Identification Numbers

GC-8010-3646-5

7000084687

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

Identified uses

Hand care.

1.3. Details of the supplier of the safety data sheet

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.
Telephone: +44 (0)1344 858 000
E Mail: tox.uk@mmm.com
Website: www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is exempt from hazard classification according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

Notes on labelling

Suggested precautions: Keep out of reach of children.

Cosmetic Information**Ingredients:**

AQUA; CETEARYL ALCOHOL; Glycerol; Isopropyl palmitate; Lanolin; POLYSORBATE 61; Sorbitan stearate

2.3. Other hazards

None known.

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] |
|------------------------------------|--|----------|--|
| Non-Hazardous Ingredients | Mixture | 70 - 80 | Substance not classified as hazardous |
| Glycerol | (CAS-No.) 56-81-5 (EC-No.) 200-289-5 | 5 - 10 | Substance with a national occupational exposure limit |
| Alcohols, C16-18 | (CAS-No.) 67762-27-0 (EC-No.) 267-008-6 | 5 - 10 | Substance not classified as hazardous |
| Lanolin | (CAS-No.) 8006-54-0 (EC-No.) 232-348-6 | 1 - 5 | Substance not classified as hazardous |
| 1,2-Octanediol | (CAS-No.) 1117-86-8 (EC-No.) 214-254-7 | 1 - 5 | Substance not classified as hazardous |
| Isopropyl palmitate | (CAS-No.) 142-91-6 (EC-No.) 205-571-1 | 1 - 5 | Substance not classified as hazardous |
| Sorbitan stearate | (CAS-No.) 1338-41-6 (EC-No.) 215-664-9 | 1 - 5 | Substance not classified as hazardous |
| Sorbitan monostearate, ethoxylated | (CAS-No.) 9005-67-8 (EC-No.) 500-020-4 | 1 - 5 | Substance not classified as hazardous |

Please see section 16 for the full text of any H statements referred to in this section

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

No need for first aid is anticipated.

Skin contact

No need for first aid is anticipated.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, 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

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.

Hazardous Decomposition or By-Products

Substance

Hydrocarbons.
Carbon monoxide
Carbon dioxide.
Irritant vapours or gases.

Condition

During combustion.
During combustion.
During combustion.
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

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. Observe precautions from other sections.

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.

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

For industrial/occupational use only. Not for consumer sale or use. 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.

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

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 | UK HSC | TWA(as mist):10 mg/m3 | |

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Biological limit values

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

Recommended monitoring procedures:Information on recommended monitoring procedures can be obtained from UK HSC

8.2. Exposure controls

8.2.1. Engineering controls

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | Liquid. |
| Colour | White |
| Odor | Light Rose, Light Jasmine, Light Citrus |
| Odour threshold | <i>No data available.</i> |
| Melting point/freezing point | <i>Not applicable.</i> |
| Boiling point/boiling range | 100 °C |
| Flammability (solid, gas) | Not applicable. |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Flash point | <i>Not applicable.</i> |
| Autoignition temperature | <i>Not applicable.</i> |
| Decomposition temperature | <i>No data available.</i> |
| pH | 6.9 - 7.5 |
| Kinematic Viscosity | 40,404.0404040404 mm ² /sec |
| Water solubility | Complete |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Vapour pressure | <i>No data available.</i> |
| Density | 0.97 - 1.04 g/ml |
| Relative density | 0.97 - 1.04 [Ref Std: WATER=1] |
| Relative Vapor 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> |

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

| <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 EU 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 internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Signs and Symptoms of Exposure

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

Inhalation

No known health effects.

Skin contact

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

Eye contact

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

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 |
| Glycerol | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Sorbitan monostearate, ethoxylated | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Isopropyl palmitate | Ingestion | Mouse | LD50 > 5,000 mg/kg |
| Isopropyl palmitate | Dermal | Professional judgement | LD50 estimated to be > 5,000 mg/kg |
| Sorbitan monostearate, ethoxylated | Ingestion | Rat | LD50 > 62,640 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---------------------|---------|---------------------------|
| Glycerol | Rabbit | No significant irritation |
| Isopropyl palmitate | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---------------------|---------|---------------------------|
| Glycerol | Rabbit | No significant irritation |
| Isopropyl palmitate | Rabbit | No significant irritation |

Skin Sensitisation

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| Name | Species | Value |
|----------|------------|----------------|
| Glycerol | Guinea pig | Not classified |

Respiratory Sensitisation

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

Germ Cell Mutagenicity

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

Carcinogenicity

| Name | Route | Species | Value |
|----------|-----------|---------|--|
| Glycerol | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

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

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

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

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|----------|------------|---|----------------|---------|------------------------|-------------------|
| Glycerol | Inhalation | respiratory system heart liver kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerol | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |

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 EU 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 |
|------------------------------------|------------|------------------|---|------------|--------------------------|---------------|
| Alcohols, C16-18 | 67762-27-0 | Bacteria | Estimated | 30 minutes | NOEC | 10,000 mg/l |
| Alcohols, C16-18 | 67762-27-0 | Green algae | Estimated | 96 hours | Effect Level 50% | >100 mg/l |
| Alcohols, C16-18 | 67762-27-0 | Green algae | Estimated | 96 hours | No obs Effect Level | 100 mg/l |
| 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 |
| 1,2-Octanediol | 1117-86-8 | Green Algae | Experimental | 72 hours | EC50 | 35 mg/l |
| 1,2-Octanediol | 1117-86-8 | Water flea | Experimental | 48 hours | EC50 | 176 mg/l |
| 1,2-Octanediol | 1117-86-8 | Green algae | Experimental | 72 hours | Effect Concentration 10% | 17 mg/l |
| Isopropyl palmitate | 142-91-6 | Bacteria | Estimated | 18 hours | EC50 | >10 mg/l |
| Isopropyl palmitate | 142-91-6 | Green algae | Estimated | 72 hours | EC50 | >100 mg/l |
| Isopropyl palmitate | 142-91-6 | Water flea | Experimental | 48 hours | EC50 | >=3,000 mg/l |
| Isopropyl palmitate | 142-91-6 | Zebra Fish | Experimental | 96 hours | LC50 | >=10,000 mg/l |
| Isopropyl palmitate | 142-91-6 | Water flea | Estimated | 21 days | NOEC | 100 mg/l |
| Lanolin | 8006-54-0 | | Data not available or insufficient for classification | | | N/A |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Copepods | Estimated | 48 hours | Lethal Level 50% | >10,000 mg/l |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Green Algae | Estimated | 72 hours | Effect Level 50% | 58.84 mg/l |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Zebra Fish | Estimated | 96 hours | Lethal Level 50% | >100 mg/l |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Green Algae | Estimated | 72 hours | Effect Concentration 10% | 19.05 mg/l |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Water flea | Estimated | 21 days | No obs Effect Level | 10 mg/l |
| Sorbitan stearate | 1338-41-6 | Activated sludge | Estimated | 3 hours | EC50 | >100 mg/l |
| Sorbitan stearate | 1338-41-6 | Green Algae | Experimental | 72 hours | Effect Level 50% | >1,000 mg/l |
| Sorbitan stearate | 1338-41-6 | Medaka | Experimental | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Sorbitan stearate | 1338-41-6 | Water flea | Experimental | 48 hours | Effect Level 50% | >1,000 mg/l |
| Sorbitan stearate | 1338-41-6 | Water flea | Experimental | 21 days | No obs Effect Level | 16 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|------------------------------------|------------|-----------------------------|----------|---------------|----------------|-------------------------------------|
| Alcohols, C16-18 | 67762-27-0 | Estimated Biodegradation | 28 days | BOD | 67 % BOD/ThBOD | Non-standard method |
| Glycerol | 56-81-5 | Experimental Biodegradation | 14 days | BOD | 63 % BOD/ThBOD | OECD 301C - MITI test (I) |
| 1,2-Octanediol | 1117-86-8 | Experimental Biodegradation | 28 days | BOD | 85 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Isopropyl palmitate | 142-91-6 | Experimental Biodegradation | 28 days | BOD | 91.3 % weight | OECD 301B - Modified sturm or CO2 |
| Lanolin | 8006-54-0 | Estimated Biodegradation | 28 days | BOD | 54 % BOD/ThBOD | Non-standard method |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Estimated Biodegradation | 28 days | CO2 evolution | 61 % weight | Non-standard method |
| Sorbitan stearate | 1338-41-6 | Experimental Biodegradation | 28 days | BOD | 88 % weight | OECD 301C - MITI test (I) |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|------------------------------------|------------|---|----------|------------------------|-------------|------------------------------------|
| Alcohols, C16-18 | 67762-27-0 | Estimated Bioconcentration | | Bioaccumulation factor | 661 | Estimated: Bioconcentration factor |
| Glycerol | 56-81-5 | Experimental Bioconcentration | | Log Kow | -1.76 | Non-standard method |
| 1,2-Octanediol | 1117-86-8 | Experimental Bioconcentration | | Log Kow | 2.1 | Non-standard method |
| Isopropyl palmitate | 142-91-6 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Lanolin | 8006-54-0 | Estimated Bioconcentration | | Bioaccumulation factor | 7.4 | Estimated: Bioconcentration factor |
| Sorbitan monostearate, ethoxylated | 9005-67-8 | Experimental Bioconcentration | | Log Kow | 0.03 | Non-standard method |
| Sorbitan stearate | 1338-41-6 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

12.4. Mobility in soil

| Material | Cas No. | Test type | Study Type | Test result | Protocol |
|---------------------|------------|----------------------------|------------|-------------|-----------|
| Alcohols, C16-18 | 67762-27-0 | Estimated Mobility in Soil | Koc | 15,000 l/kg | Episuite™ |
| Glycerol | 56-81-5 | Estimated Mobility in Soil | Koc | <1 l/kg | Episuite™ |
| 1,2-Octanediol | 1117-86-8 | Estimated Mobility in Soil | Koc | 10 l/kg | Episuite™ |
| Isopropyl palmitate | 142-91-6 | Estimated Mobility in Soil | Koc | 40,000 l/kg | Episuite™ |
| Lanolin | 8006-54-0 | Estimated Mobility in Soil | Koc | ?3 l/kg | Episuite™ |

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. Endocrine disrupting properties

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

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

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

This product has been classified as a non-hazardous waste. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste 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.

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 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC 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)

180107 Chemicals other than those mentioned in 18 01 06

SECTION 14: Transportation information

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Not hazardous for transportation

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 Tunnel Code | No data available. | Not Applicable | No Data Available |
| ADR Classification Code | No data available. | No Data Available | No Data Available |
| ADR Transport Category | No data available. | No Data Available | No Data Available |
| ADR Multiplier | No data available. | No Data Available | No Data Available |
| IMDG Segregation Code | No data available. | No Data Available | No Data Available |
| Transport not Permitted | 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

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.

SECTION 16: Other information

Revision information:

EU Section 09: pH information information was added.

Label: EU Cosmetics Ingredients information was added.

Section 1: Product identification numbers information was added.

Section 1: Product name information was modified.

Section 01: SAP Material Numbers information was added.

Section 02: CLP Classification Statements information was added.

Label: CLP Classification information was deleted.

Section 03: Composition table % Column heading information was added.

Section 3: Composition/ Information of ingredients table information was added.

Section 3: Composition/ Information of ingredients table information was deleted.

Section 3: Reference to section 15 for Nota info information was deleted.

Section 03: Substance not applicable information was added.

Section 04: Information on toxicological effects information was modified.

Section 5: Hazardous combustion products table information was modified.

Section 6: Accidental release personal information information was modified.
Section 7: Precautions safe handling information information was modified.
Section 8: Occupational exposure limit table information was modified.
Section 09: Color information was added.
Section 9: Evaporation Rate information information was deleted.
Section 9: Explosive properties information information was deleted.
Section 09: Kinematic Viscosity information information was added.
Section 9: Melting point information information was modified.
Section 9: No Data Available Statement information was deleted.
Section 09: Odor information was added.
Sections 3 and 9: Odour, colour, grade information information was deleted.
Section 9: Oxidising properties information information was deleted.
Section 9: pH information information was deleted.
Section 9: Property description for optional properties information was added.
Section 9: Vapour density value information was added.
Section 9: Vapour density value information was deleted.
Section 9: Viscosity information information was deleted.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Classification disclaimer information was modified.
Section 11: No endocrine disruptor information available warning information was added.
Section 11: Reproductive and/or Developmental Effects text 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 modified.
Section 12: 12.6. Endocrine Disrupting Properties information was added.
Section 12: 12.7. Other adverse effects information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Contact manufacturer for more detail. information was deleted.
Section 12: Mobility in soil information information was added.
Section 12: No endocrine disruptor information available warning information was added.
Section 12: No PBT/vPvB information available warning information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12: Biocumulative potential information information was modified.
Section 13: 13.1. Waste disposal note information was modified.
Section 13: Standard Phrase Category Waste GHS information was modified.
Section 14 Classification Code – Main Heading information was added.
Section 14 Classification Code – Regulation Data information was added.
Section 14 Control Temperature – Main Heading information was added.
Section 14 Control Temperature – Regulation Data information was added.
Section 14 Disclaimer Information information was added.
Section 14 Emergency Temperature – Main Heading information was added.
Section 14 Emergency Temperature – Regulation Data information was added.
Section 14 Hazard Class + Sub Risk – Main Heading information was added.
Section 14 Hazard Class + Sub Risk – Regulation Data information was added.
Section 14 Hazardous/Not Hazardous for Transportation information was added.
Section 14 Multiplier – Main Heading information was added.
Section 14 Multiplier – Regulation Data information was added.
Section 14 Other Dangerous Goods – Main Heading information was added.
Section 14 Other Dangerous Goods – Regulation Data information was added.
Section 14 Packing Group – Main Heading information was added.
Section 14 Packing Group – Regulation Data information was added.
Section 14 Proper Shipping Name information was added.
Section 14 Regulations – Main Headings information was added.

Section 14 Segregation – Regulation Data information was added.
Section 14 Segregation Code – Main Heading information was added.
Section 14 Special Precautions – Main Heading information was added.
Section 14 Special Precautions – Regulation Data information was added.
Section 14 Transport Category – Main Heading information was added.
Section 14 Transport Category – Regulation Data information was added.
Section 14 Transport in bulk – Regulation Data information was added.
Section 14 Transport in bulk according to Annex II of Marpol and the IBC Code – Main Heading information was added.
Section 14 Transport Not Permitted – Main Heading information was added.
Section 14 Transport Not Permitted – Regulation Data information was added.
Section 14 Tunnel Code – Main Heading information was added.
Section 14 Tunnel Code – Regulation Data information was added.
Section 14 UN Number Column data information was added.
Section 14 UN Number information was added.
Section 14: Transportation classification information was deleted.
Section 15: Chemical Safety Assessment information was modified.
Section 15: Label remarks and EU Detergent information was modified.
Section 15: Regulations - Inventories information was deleted.
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: UK disclaimer information was deleted.

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. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

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