

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 06/20/2024 Revision Number 1

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

1.1. Product identifier

Product Name GRF73 GRANGERS WASH + REPEL CLOTHING 2 IN 1

Safety data sheet number 06397

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

Recommended use Garment care product

Uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer

Grangers International Ltd Enterprise Way Duckmanton Derbyshire S44 5FD United Kingdom

EU Authorised Representative: Authorised Rep Compliance Ltd Ground Floor, 71 Lower Baggot Street Dublin DO2 P593 Ireland For further information, please contact

E-mail address info@grangersinternational.co.uk

1.4. Emergency telephone number

Emergency Telephone TEL: +44 (0) 1773 521521IRELAND TEL: 00353 15133758

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

2.2. Label elements

Hazard statements

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children.

2.3. Other hazards

No information available.

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

| Chemical name | Weight-% | REACH registration number | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|------------|---------------------------|-----------------------------|--|
| WATER 7732-18-5 | 50 - <100% | | 231-791-2 | |
| Synthetic polymer 75718-16-0 | 1 - <2.5% | | | Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) |
| Isotridecanol, ethoxylated 9043-30-5 | 0.5 - <1% | | 500-027-2 | Aquatic Chronic 3 (H412) Eye Dam. 1 (H318) |
| propane-1,2-diol 57-55-6 | 0.5 - <1% | | 200-338-0 | |
| pyridine-2-thiol 1-oxide, sodium salt 3811-73-2 | <0.025% | | (613-344-00-7) 223-296-5 | Aquatic Chronic 2 (H411) Aquatic Acute 1 (H400) Acute Tox. 2 (H330) Acute Tox. 4 (H302) Eye Dam. 1 (H318) |
| 1,2-benzisothiazol-3(2H)-one 2634-33-5 | <0.025% | | (613-088-00-6) 220-120-9 | Aquatic Chronic 2 (H411) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Acute Tox. 2 (H330) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) |
| (Z)-octadec-9-enylamine, ethoxylat-ed 26635-93-8 | <0.025% | | | Skin Corr. 1B (H314) Aquatic Chronic 1 (H410) Aquatic Acute 1 (H400) Acute Tox. 4 (H302) Eye Dam. 1 (H318) |

Full text of H- and EUH-phrases: see section 16

<u>Acute Toxicity Estimate</u> No information available

| Chemical name | Oral LD50 mg/kg | | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapor - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|--------------------------------------|-----------------|-------------------|--|--|---|
| WATER 7732-18-5 | 89838.9 | No data available | No data available | No data available | No data available |
| Isotridecanol, ethoxylated 9043-30-5 | 1000 | No data available | No data available | No data available | No data available |
| propane-1,2-diol 57-55-6 | 20000 | 20800 | No data available | No data available | No data available |

| Chemical name | Oral LD50 mg/kg | | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapor - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|-----------------|--------------|--|--|---|
| pyridine-2-thiol 1-oxide, sodium salt 3811-73-2 | 500+ | 790+ 1800 | 0.5+ | No data available | No data available |
| 1,2-benzisothiazol-3(2H)- one 2634-33-5 | 1020 | 2000 | No data available | No data available | No data available |

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Skin contactWash skin with soap and water. In the case of skin irritation or allergic reactions see a

physician.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

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

Symptoms No information available.

Effects of Exposure See Section 11 for additional Toxicological Information.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media No information available.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

No information available.

5.3. Advice for firefighters

Revision date 06/20/2024

1

Special protective equipment and precautions for fire-fighters

No information available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No information available.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning upTake up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sectionsSee section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling No information available.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container closed when not in use.

7.3. Specific end use(s)

Specific use(s)

See section 1 for more information.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical name | European | Union | Austria | Belgium | Bulg | aria | Croatia |
|-----------------------------|--------------------|-------------------|----------------------------|-----------------------------|--|-----------------------|--|
| propane-1,2-diol 57-55-6 | - | | - | - | _ | | TWA: 150 ppm TWA: 474 mg/m ³ |
| 07 00 0 | | | | | | | TWA: 10 mg/m ³ |
| pyridine-2-thiol 1-oxide, | - | | TWA: 1 mg/m ³ | - | - | | - |
| sodium salt 3811-73-2 | | | STEL 4 mg/m³ H* | | | | |
| Chemical name | Cypri | ıs | Czech Republic | Denmark | Esto | nia | Finland |
| pyridine-2-thiol 1-oxide, | - | | - | TWA: 1 mg/m ³ | - | | - |
| sodium salt 3811-73-2 | | | | H* STEL: 2 mg/m³ | | | |
| Chemical name | Franc | ce | Germany TRGS | Germany DFG | Gree | ece | Hungary |
| pyridine-2-thiol 1-oxide, | - | | TWA: 0.2 mg/m ³ | TWA: 0.2 mg/m ³ | - | , | - |
| sodium salt 3811-73-2 | | | H* | Peak: 0.4 mg/m ³ | | | |
| 1,2-benzisothiazol-3(2H)-o | - | | - | skin sensitizer | - | | - |
| ne | | | | | | | |
| 2634-33-5 Chemical name | Ireland | | Italy MDLPS | Italy AIDII | Lat | via | Lithuania |
| propane-1,2-diol | TWA: 10 | - | - Italy WIDEF 3 | italy Albii | TWA: 7 | | TWA: 7 mg/m ³ |
| 57-55-6 | TWA: 15 | | _ | _ | 1 0 0 7 1. 7 | 1119/111 | 1 |
| | TWA: 470 | mg/m ³ | | | | | |
| | STEL: 1410 | | | | | | |
| | STEL: 30 | | | | | | |
| Chemical name | STEL: 45 Luxemb | | Malta | Netherlands | Non | 401 | Poland |
| propane-1,2-diol | Luxemb | ourg | IVIAILA | ivethenanus | Norv TWA: 2 | | TWA: 100 mg/m ³ |
| 57-55-6 | _ | | - | _ | TWA: 79 | | TVVA. 100 mg/m² |
| 0, 00 0 | | | | | STEL: 3 | | |
| | | | | | STEL: 118 | 3.5 mg/m ³ | |
| Chemical name | Portu | gal | Romania | Slovakia | Slove | | Spain |
| pyridine-2-thiol 1-oxide, | - | | - | - | TWA: 1 | | - |
| sodium salt 3811-73-2 | | | | | STEL: 2 | | |
| Chemical name | | Sweden | | Switzerland | | Ur | nited Kingdom |
| propane-1,2-dio | I | | - | - | | | NA: 150 ppm |
| 57-55-6 | | | | | | | /A: 474 mg/m ³ |
| | | | | | | | VA: 10 mg/m ³ |
| | | | | | FEL: 450 ppm EL: 1422 mg/m ³ | | |
| | | | | | | | EL: 30 mg/m ³ |
| pyridine-2-thiol 1-oxide, s | odium salt | _ | - | TWA: 0.2 mg | | | - |
| 3811-73-2 | | | | STEL: 0.4 m | g/m³ | | |
| | | | | H* | | | |

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers No information available

| Chemical name | Oral | Dermal | Inhalation |
|------------------|------|--------|-------------------|
| propane-1,2-diol | - | - | 168 mg/m³ [4] [6] |

| Chemical name | Oral | Dermal | Inhalation |
|--|------|----------------------------|---------------------|
| 57-55-6 | | | 10 mg/m³ [5] [6] |
| 1,2-benzisothiazol-3(2H)-one 2634-33-5 | - | 0.966 mg/kg bw/day [4] [6] | 6.81 mg/m³ [4] [6] |
| (Z)-octadec-9-enylamine, ethoxylat-ed 26635-93-8 | - | 0.3 mg/kg bw/day [4] [6] | 2.112 mg/m³ [4] [6] |

Derived No Effect Level (DNEL) - General Public No information available.

| Chemical name | Oral | Dermal | Inhalation |
|---------------------------------------|----------------------------|--------|---------------------|
| propane-1,2-diol | - | - | 50 mg/m³ [4] [6] |
| 57-55-6 | | | 10 mg/m³ [5] [6] |
| 1,2-benzisothiazol-3(2H)-one | - | - | 1.2 mg/m³ [4] [6] |
| 2634-33-5 | | | |
| (Z)-octadec-9-enylamine, ethoxylat-ed | 0.214 mg/kg bw/day [4] [6] | - | 0.745 mg/m³ [4] [6] |
| 26635-93-8 | | | |

Predicted No Effect Concentration (PNEC) No information available.

| Chemical name | Freshwater | Freshwater | Marine water | Marine water | Air |
|--|------------|------------------------|--------------|------------------------|-----|
| | | (intermittent release) | | (intermittent release) | |
| propane-1,2-diol 57-55-6 | 260 mg/L | 183 mg/L | 26 mg/L | - | - |
| 1,2-benzisothiazol-3(2H)-o ne 2634-33-5 | 4.03 μg/L | 1.1 µg/L | 0.403 μg/L | 110 ng/L | - |
| (Z)-octadec-9-enylamine, ethoxylat-ed 26635-93-8 | 0.214 μg/L | 0.87 μg/L | 0.0214 μg/L | _ | - |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|--|----------------------------|-----------------------------|------------------|------------------|--------------|
| propane-1,2-diol 57-55-6 | 572 mg/kg sediment dw | 57.2 mg/kg sediment dw | 20000 mg/L | 50 mg/kg soil dw | - |
| 1,2-benzisothiazol-3(2H)-o ne 2634-33-5 | 49.9 μg/kg sediment dw | 4.99 μg/kg sediment dw | 1.03 mg/L | 3 mg/kg soil dw | - |
| (Z)-octadec-9-enylamine, ethoxylat-ed 26635-93-8 | 1.692 mg/kg sediment dw | 0.1692 mg/kg sediment dw | 1500 μg/L | 5 mg/kg soil dw | 2 mg/kg food |

8.2. Exposure controls

Engineering controls No information available.

Personal protective equipment

Eye/face protection No special protective equipment required.

1

No special protective equipment required. Hand protection

Skin and body protection Appropriate skin and body protection should be selected and used according to the

chemical nature, hazards and use of this product and safety requirements of the local

jurisdiction.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

Handle in accordance with good industrial hygiene and safety practice. General hygiene considerations

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid **Appearance** Liquid Color white

Odor Slight. Characteristic.

Odor threshold

Property Values Remarks • Method

Melting point / freezing point No data available None known 100°C/212°F Initial boiling point and boiling range 100 **Flammability** No data available None known

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point No data available None known No data available **Autoignition temperature** None known **Decomposition temperature**

None known

None known

No data available pH (concentrated solution): 5.00 @ 21°C (+/- 1.00)

pH (as aqueous solution) No data available None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known Water solubility No data available Soluble in water None known Solubility(ies) No data available None known Partition coefficient No data available None known No data available None known Vapor pressure None known

Relative density ~ 1.00 @ 21°C **Bulk density** No data available **Liquid Density** No data available

None known Relative vapor density No data available

Particle characteristics

Particle Size

Particle Size Distribution

9.2. Other information

9.2.1. Information with regard to physical hazard classes Not applicable

9.2.2. Other safety characteristics

Revision date 06/20/2024

1

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Do not freeze.

10.5. Incompatible materials

Incompatible materialsNone known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact May cause irritation. Specific test data for the substance or mixture is not available.

Skin contact May cause irritation. Specific test data for the substance or mixture is not available.

Ingestion May cause irritation. Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

No information available

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------------|--------------------|--------------------------|-----------------|
| WATER | > 90 mL/kg (Rat) | - | - |
| Isotridecanol, ethoxylated | = 1000 mg/kg (Rat) | - | - |
| propane-1,2-diol | = 20 g/kg (Rat) | = 20800 mg/kg (Rabbit) | - |
| pyridine-2-thiol 1-oxide, sodium salt | - | = 1800 mg/kg (Rabbit) | - |
| 1,2-benzisothiazol-3(2H)-one | = 1020 mg/kg (Rat) | > 2000 mg/kg (Rat) | - |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationNo information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposureNo information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The environmental impact of this product has not been fully investigated.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------------------------------|--|---|----------------------------|---|
| propane-1,2-diol | EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata) | LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas) LC50: =710mg/L (96h, Pimephales promelas) | - | EC50: >1000mg/L (48h, Daphnia magna) |
| pyridine-2-thiol 1-oxide, sodium salt | - | - | - | EC50: =0.022mg/L (48h, water flea) |

12.2. Persistence and degradability

Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

| Chemical name | Partition coefficient |
|---------------------------------------|-----------------------|
| propane-1,2-diol | -1.07 |
| pyridine-2-thiol 1-oxide, sodium salt | -2.38 |
| 1,2-benzisothiazol-3(2H)-one | 0.99 |

12.4. Mobility in soil

Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

| _ | | | |
|---|---------------------------------------|---|--|
| | Chemical name | PBT and vPvB assessment | |
| | propane-1,2-diol | The substance is not PBT / vPvB PBT assessment does | |
| | | not apply | |
| | 1,2-benzisothiazol-3(2H)-one | The substance is not PBT / vPvB | |
| ſ | (Z)-octadec-9-enylamine, ethoxylat-ed | The substance is not PBT / vPvB | |

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging No information available.

SECTION 14: Transport information

IATA

14.1 UN number or ID number Not regulated 14.2 UN proper shipping name Not regulated Not regulated 14.3 Transport hazard class(es) 14.4 Packing group Not regulated 14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions None

IMDG

Not regulated 14.1 UN number or ID number 14.2 UN proper shipping name Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated Not applicable 14.5 Environmental hazards

None

14.6 Special precautions for user

Special Provisions

14.7 Maritime transport in bulk according to IMO instruments

RID

14.1 UN number or ID number Not regulated Not regulated 14.2 UN proper shipping name 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated 14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions None

ADR

14.1 UN number or ID number Not regulated 14.2 UN proper shipping name Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated Not applicable 14.5 Environmental hazards

14.6 Special precautions for user

Special Provisions None

SECTION 15: Regulatory information

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

| Chemical name | French RG number |
|--|------------------|
| propane-1,2-diol - 57-55-6 | RG 84 |
| 1,2-benzisothiazol-3(2H)-one - 2634-33-5 | RG 65 |

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name | Restricted substance per REACH | Substance subject to authorization per |
|---|--------------------------------|--|
| | Annex XVII | REACH Annex XIV |
| pyridine-2-thiol 1-oxide, sodium salt - 3811-73-2 | 75. | - |
| 1,2-benzisothiazol-3(2H)-one - 2634-33-5 | 75. | - |

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

| Chemical name | Biocidal Products Regulation (EU) No 528/2012 (BPR) |
|---|---|
| pyridine-2-thiol 1-oxide, sodium salt - 3811-73-2 | Product-type 2: Disinfectants and algaecides not intended |
| | for direct application to humans or animals Product-type 6: |
| | Preservatives for products during storage Product-type 7: |
| | Film preservatives Product-type 9: Fiber, leather, rubber |
| | and polymerized materials preservatives Product-type 10: |
| | Construction material preservatives Product-type 13: |
| | Working or cutting fluid preservatives |
| 1,2-benzisothiazol-3(2H)-one - 2634-33-5 | Product-type 2: Disinfectants and algaecides not intended |
| | for direct application to humans or animals Product-type 6: |
| | Preservatives for products during storage Product-type 9: |
| | Fiber, leather, rubber and polymerized materials |
| | preservatives Product-type 11: Preservatives for |
| | liquid-cooling and processing systems Product-type 12: |
| | Slimicides Product-type 13: Working or cutting fluid |
| | preservatives |

International Inventories

TSCA Contact supplier for inventory compliance status Contact supplier for inventory compliance status DSL/NDSL **EINECS/ELINCS** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **ENCS** Contact supplier for inventory compliance status **IECSC** Contact supplier for inventory compliance status **KECL PICCS** Contact supplier for inventory compliance status Contact supplier for inventory compliance status AIIC **NZIoC** Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

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1

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value Sk* Skin designation

+ Sensitizers

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Prepared By Technical Department

Revision date 06/20/2024

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the

Revision date 06/20/2024

1

date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet