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

Last Revision Date 27-Oct-2021 Version: 1

4015-120HA

Sierraform GT Momentum 22-5-11+2MgO+TE

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

1.1. Product identifier

Product Name Product Code Unique Formula Identifier (UFI)

Unique Formula Identifier (UFI) 6Q3C-Q0NV-E00P-J590
Pure substance/mixture Mixture

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

Recommended Use Fertilizer (PC12). Restricted to professional users.

Uses Advised Against Consumer use (SU21)

Reason why uses advised against Use advised against in Chemical Safety Assessment per REACH Annex I point 7 2.3

1.3. Details of the supplier of the safety data sheet

Everris International B.V.Nijverheidsweg 1-5; 6422 PD Heerlen (NL); Tel: +31 (0)45-5609100; Fax: +31 (0)45-5609190

For further information, please contact: INFO-MSDS@EVERRIS.COM

Non-Emergency Telephone Number +31 (0) 418655700

1.4. Emergency telephone number

IN CASE OF AN EMERGENCY CALL: +44 1235 239 670 (24/7)

| Europe | 112 | |
|----------------|--------------------------------|--|
| Austria | +43 1 406 43 43 | |
| Belgium | 070 245 245 | |
| Denmark | +45 8212 1212 | |
| Finland | 0800 147 111 | |
| France | + 33 (0)1 45 42 59 | |
| Ireland | 01 809 2566 | |
| Netherlands | +31 88 75 585 61 | |
| Norway | +45 735 80500 | |
| Poland | +48 42 2538 400 | |
| Portugal | +351 800 250 250 | |
| Spain | +34 91 562 04 20 | |
| Sweden | 112 | |
| Switzerland | Tox Info Switzerland 145 (24h) | |
| United Kingdom | 111 | |

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| 110941411011 (20) 110 127272000 | |
|-----------------------------------|---------------------|
| Serious eye damage/eye irritation | Category 1 - (H318) |
| Chronic aquatic toxicity | Category 3 - (H412) |

2.2. Label elements



Contains Iron sulphate; FeSO_{4+1H2}O, Potassium sulphate; K₂SO₄

Signal word

Danger

Hazard statements

H318 - Causes serious eye damage

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (528, 1272/2008)

P280 - Wear eye protection/ face protection

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

P310 - Immediately call a POISON CENTER or doctor/physician

2.3. Other hazards

Causes mild skin irritation.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

| Chemical name | EC No | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | REACH registration number | M-Factor | M-Factor (long-term) |
|----------------------------------------------------------------------------|-----------|----------|-----------------------------------------------------------------------------|------------------------------------------|---------------------------------|----------|-----------------------------|
| Potassium sulphate; K ₂ SO ₄ (7778-80-5) | 231-915-5 | 10 - 25% | Eye Dam. 1 (H318) | - | 01-2119489441-34 | - | - |
| Iron sulphate; FeSO ₄ +1H ₂ O (7720-78-7) | 231-753-5 | 1 - 5% | Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Acute Tox. 4 (H302) | - | 01-2119513203-57 | - | - |
| Manganese sulphate; MnSO ₄ +1H ₂ O (7785-87-7) | 232-089-9 | 0.1 - 1% | STOT RE 2 (H373) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411) | - | 01-2119456624-35 | - | - |

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 - 4 hour - dust/mist - mg/L |
|----------------------------------------------------------|-----------|-------------------|---------------------------------------------|
| Potassium sulphate; K ₂ SO ₄ | 6600 | No data available | No data available |
| Iron sulphate; FeSO ₄ +1H ₂ O | 319 | No data available | No data available |
| Manganese sulphate; MnSO ₄ +1H ₂ O | 782 | No data available | No data available |

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for

use or safety data sheet if possible). First aid measures should be executed by trained

personnel only.

Inhalation Remove to fresh air. In the case of inhalation of aerosol/mist consult a physician if

necessary. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Dusty conditions are unlikely if product is used as intended. However, if prolonged

inhalation of dust occurs, remove casualty to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

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

physician.

Ingestion Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth

to an unconscious person. Do not induce vomiting without medical advice.

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

Symptoms None known.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

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

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products Thermal decomposition can lead to release of toxic/corrosive gases and vapors.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation. Wear protective gloves/protective clothing and eye/face

protection.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders

Use personal protection recommended in Section 8. Prevent entry into waterways, sewers,

basements or confined areas.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information. Do not flush into surface water or

sanitary sewer system.

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 up

Take up mechanically, placing in appropriate containers for disposal. Use up product

completely. Packaging material is industrial waste.

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

6.4. Reference to other sections

Reference to other sections See 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 Ensure adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid

contact with eyes. Avoid generation of dust. In case of insufficient ventilation, wear suitable

respiratory equipment.

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

food, drink and animal feeding stuffs. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions KEEP OUT OF REACH OF CHILDREN AND PETS. Keep container tightly closed in a dry

and well-ventilated place. For quality reasons: Keep out of reach of direct sunlight, store

under dry conditions, partly used packaging should be closed well.

Packaging materials Keep in original container, tightly closed in a safe place.

7.3. Specific end use(s)

Specific use(s) Fertilizer.

Exposure scenario Mixture. Not required.

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

Other Information

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|---------------|----------------|---------|---------|----------|---------|
| | | | | | |

| Potassium sulphate; K ₂ SO ₄ | - | - | - | TWA: 10.0 mg/m ³ | - |
|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Iron sulphate; FeSO ₄ +1H ₂ O | - | - | TWA: 1 mg/m ³ | TWA: 1.0 mg/m ³ | TWA: 1 mg/m ³ STEL: 2 mg/m ³ |
| Manganese sulphate; MnSO ₄ +1H ₂ O | - | TWA: 0.2 mg/m ³ STEL 1.6 mg/m ³ | TWA: 0.2 mg/m ³ | TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
| Iron sulphate; FeSO ₄ +1H ₂ O | - | • | TWA: 1 mg/m ³ | • | TWA: 1 mg/m ³ |
| Manganese sulphate; MnSO ₄ +1H ₂ O | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | TWA: 1 mg/m ³ Ceiling: 2 mg/m ³ | TWA: 0.2 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | TWA: 0.02 mg/m ³ TWA: 0.2 mg/m ³ |
| Chemical name | France | Germany | Germany MAK | Greece | Hungary |
| Iron sulphate; FeSO ₄ +1H ₂ O | - | - | - | TWA: 1 mg/m ³ STEL: 2 mg/m ³ | - |
| Manganese sulphate; MnSO ₄ +1H ₂ O | - | TWA: 0.2 mg/m ³ TWA: 0.02 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.02 mg/m ³ Peak: 1.6 mg/m ³ Peak: 0.16 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ |
| Chemical name | Italy | Latvia | Lithuania | Luxembourg | Netherlands |
| Potassium sulphate; K ₂ SO ₄ | - | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | - | - |
| Manganese sulphate; MnSO ₄ +1H ₂ O | TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | • | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ |
| Chemical name | Norway | Poland | Portugal | Romania | Slovakia |
| Iron sulphate; FeSO ₄ +1H ₂ O | TWA: 1 mg/m ³ STEL: 3 mg/m ³ | - | TWA: 1 mg/m ³ | - | - |
| Manganese sulphate; MnSO ₄ +1H ₂ O | TWA: 0.1 mg/m ³ STEL: 0.1 ppm | TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | TWA: 0.2 mg/m ³ |
| Chemical name | Slovenia | Spain | Sweden | Switzerland | United Kingdom |
| Iron sulphate; FeSO ₄ +1H ₂ O | - | TWA: 1 mg/m ³ | - | TWA: 1 mg/m ³ | TWA: 1 mg/m ³ |
| Manganese sulphate; MnSO ₄ +1H ₂ O | TWA: 0.05 mg/m ³ STEL: 0.4 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ | NGV: 0.2 mg/m ³ NGV: 0.05 mg/m ³ | TWA: 0.5 mg/m ³ | TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ |

Biological occupational exposure limits

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

| Chemical name | European Union | Austria | Bulgaria | Croatia | Czech Republic |
|-------------------------------------------------------------|----------------|--------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Manganese sulphate; MnSO ₄ +1H ₂ O | - | 20 μg/L (blood - whole blood not provided) | - | - | - |
| Chemical name | Denmark | Finland | France | Germany | Germany MAK |
| Manganese sulphate; MnSO ₄ +1H ₂ O | - | <u>-</u> | - | 15 µg/L - BAR (end of exposure or end of shift) blood 15 µg/L - BAR (for long-term exposures: at the end of the shift after several shifts) blood | - |

Derived No Effect Level (DNEL) Predicted No Effect Concentration No information available. (PNEC)

No information available.

8.2. Exposure controls

Personal protective equipment Wear normal, light working clothing

Wear safety glasses with side shields (or goggles). Eye/face protection

Hand protection Nitrile rubber (0.26 mm). Break through time. > 8 h.

Skin and body protection Lightweight protective clothing.

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

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

None known

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

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained. Prevent

product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid Appearance: granulate Color: brown Odor: Fertilizer.

Property Values Remarks • Method

Melting Point/Freezing Point: No data available None known **Boiling Point/Range:** No data available None known No data available Flammability (solid, gas): None known Flammability Limits in Air: None known

Upper Flammability Limit: No data available **Lower Flammability Limit:** No data available

Flash Point: No data available None known **Autoignition Temperature:** No data available None known

Decomposition Temperature: None known

No data available None known pH (as aqueous solution) No data available None known **Kinematic Viscosity:** No data available None known **Dynamic Viscosity:** No data available None known No data available Water solubility None known Solubility(ies) No data available None known No data available **Partition Coefficient:** None known Vapor Pressure: No data available None known

Relative density 800 - 1100 kg/m³ **Bulk density** No data available Density:

No data available Vapour density None known

No data available

Particle characteristics

Particle Size No data available **Particle Size Distribution** No data available

9.2. Other information

9.2.1. Information with regard to physical hazard classes Not applicable

9.2.2. Other safety characteristics No information available

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reactivity Not reactive.

10.2. Chemical stability

Stability Stable under normal conditions.

Specific methods:

Sensitivity to mechanical impact Not sensitive. Sensitivity to static discharge Not sensitive.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Incompatible materials Keep away from catalysts like derivates of hexavalent chromium and metal halides. Keep

away from flammable products (fuels) like charcoal, wood, flour, soot etc.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal processing. Thermal decomposition can lead to release of irritating and

toxic gases and vapors.

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. Inhalation of dust in high

concentration may cause irritation of respiratory system.

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

Skin contact May cause irritation.

Ingestion May cause gastrointestinal discomfort if consumed in large amounts.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Based on available data, the classification criteria are not met

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 15,496.00 mg/kg

0 % of the mixture consists of ingredient(s) of unknown toxicity

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------------------------------------|--------------------|--------------------|----------------------|
| Potassium sulphate; K ₂ SO ₄ | = 6600 mg/kg (Rat) | > 2000 mg/kg (Rat) | - |
| · | | | |
| Iron sulphate; FeSO ₄ +1H ₂ O | = 500 mg/kg (Rat) | - | - |
| Manganese sulphate; MnSO ₄ +1H ₂ O | = 2125 mg/kg (Rat) | - | > 4.98 mg/L (Rat) 4h |

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 Based on available data, the classification criteria are not met.

Germ cell mutagenicityBased on available data, the classification criteria are not met.

CarcinogenicityBased on available data, the classification criteria are not met.Reproductive toxicityBased on available data, the classification criteria are not met.STOT - single exposureBased on available data, the classification criteria are not met.STOT - repeated exposureBased on available data, the classification criteria are not metAspiration hazardBased on available data, the classification criteria are not met

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

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Based on available data, the classification criteria are not met.

Unknown aquatic toxicity

Contains 33 % of components with unknown hazards to the aquatic environment.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|-----------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------|
| Potassium sulphate; K ₂ SO ₄ | EC50: =2900mg/L (72h, Desmodesmus subspicatus) | LC50: 510 - 880mg/L (96h, Pimephales promelas) LC50: =3550mg/L (96h, Lepomis macrochirus) LC50: =653mg/L (96h, Lepomis macrochirus) | - | EC50: =890mg/L (48h, Daphnia magna) |
| Iron sulphate; FeSO ₄ +1H ₂ O | - | LC50: =0.56mg/L (96h, Cyprinus carpio) LC50: =925mg/L (96h, Poecilia reticulata) | | EC50: 6.15 - 9.26mg/L (48h, Daphnia magna) EC50: =152mg/L (48h, Daphnia magna) |

12.2. Persistence and degradability

Persistence and Degradability: No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

12.4. Mobility in soil

Mobility in soilno data available.Mobilityno data available.

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.

| Chemical name | PBT and vPvB assessment |
|----------------------------------------------------------|---------------------------------------------------------------|
| Potassium sulphate; K ₂ SO ₄ | The substance is not PBT / vPvB PBT assessment does not apply |
| Iron sulphate; FeSO ₄ +1H ₂ O | The substance is not PBT / vPvB PBT assessment does not apply |
| Manganese sulphate; MnSO ₄ +1H ₂ O | The substance is not PBT / vPvB PBT assessment does not apply |

12.6. Endocrine disrupting properties

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

12.7. Other adverse effects

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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 Do not reuse empty containers.

Other Information Use up product completely. Packaging material is industrial waste. If material is

uncontaminated, collect and reuse as recommended for product.

SECTION 14: Transport information

14.1

UN-No: Not regulated

14.2

Proper shipping name: Not regulated

<u>14.3</u>

Transport hazard class(es)

Not regulated

14.4

Packing group: Not regulated

14.5

Marine Pollutant: Not regulated

14.6

Special Provisions None

14.7

Bulk transport according Annex II of MARPOL and IBC Code No data available

| Δ | ., | н |
|---|----|---|
| | | |

14.1

UN-No: Not regulated

14.2

Proper shipping name: Not regulated

<u>14.3</u>

Transport hazard class(es)

Not regulated

14.4

Packing group: Not regulated

14.5

Environmental hazards Not regulated

14.6

Special Provisions None

IATA 14.1

UN number or ID number Not regulated

14.2

Proper shipping name: Not regulated

14.3

Transport hazard class(es)

Not regulated

14.4

Packing group Not regulated

14.5

Environmental hazards Not regulated

14.6

Special Provisions None

SECTION 15: Regulatory information

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

Denmark France

ICPE Not regulated

Germany

Gefahrstoffverordnung (Germany) TRGS 511 Not regulated

| Chemical name | German WGK Section | |
|----------------------------------------------------------|--------------------|--|
| Potassium sulphate; K ₂ SO ₄ | 1 | |
| Iron sulphate; FeSO ₄ +1H ₂ O | 1 | |
| Manganese sulphate; MnSO ₄ +1H ₂ O | 2 | |

| Chemical name | Netherlands - List of Carcinogens | Netherlands - List of Mutagens | Netherlands - List of Reproductive Toxins |
|----------------------------------------------------------|--------------------------------------|-----------------------------------|----------------------------------------------|
| Manganese sulphate; MnSO ₄ +1H ₂ O | - | - | Fertility Category 2 |
| | | | Development Category 2 |

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.

Take note of Directive 94/33/EC on the protection of young people at work

Not to be used by professional users below 18 years of age, see the National Working Environment Authorities Executive Order on young peoples dangerous 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)

REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors

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Not regulated

Persistent Organic Pollutants

Not applicable

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

Not applicable

Plant protection products directive (91/414/EEC)

| Chemical name | Plant protection products directive (91/414/EEC) | |
|----------------------------|--------------------------------------------------|--|
| 1 1 1 5 00 4110 | Plant protection agent | |
| Iron sulphate; FeSO 4+1H2O | | |

International Inventories:

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report

Substance(s) usage is covered according to Reach regulation 1907/2006

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

H302 - Harmful if swallowed

H318 - Causes serious eye damage

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H373 - May cause damage to organs through prolonged or repeated exposure in contact with skin

H411 - Toxic to aquatic life with long lasting effects

H316 - Causes mild skin irritation

Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Ceiling Maximum limit value * Skin designation

Classification procedure

- Calculation method
- · Expert judgment and weight of evidence determination

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)

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)

Japan GHS Classification

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 Regulatory Affairs Department (INFO-MSDS@EVERRIS.COM)

Last Revision Date 27-Oct-2021

Restrictions on useRestricted to professional users

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 Disclaimer

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End of Safety Data Sheet