Safety Data Sheet

Issue Date: 24-Feb-2015 Revision Date: 19-Oct-2016 Version: 3.01

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: Greenmaster Liquid 0-0-0-6.3Fe

Product Code 31070199DA

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

Recommended Use: Fertilizer. Restricted to professional users.

Uses Advised Against: Consumer use [SU 21].

1.3. Details of the supplier of the safety data sheet

Everris International BV

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

1.4. Emergency telephone number

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

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Mixture

Regulation (EC) No 1272/2008

| Acute toxicity - Oral | Category 4 - (H302) |
|------------------------------|---------------------|
| Skin Corrosion or Irritation | Category 2 - (H315) |
| Eye Irritation | Category 2 - (H319) |
| Chronic aquatic toxicity | Category 3 - (H412) |

2.2. Label elements



Signal Word:

Warning

Hazard Statements:

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

H302 - Harmful if swallowed

H315 - Causes skin irritation

Precautionary Statements:

P264 - Wash hands thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

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

Revision Date: 19-Oct-2016

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P337 + P313 - If eye irritation persists: Get medical advice/attention P501 - Dispose of container in accordance with local regulation

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

| Ingredients | EC-No. | CAS-No | Weight % | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|--|-----------|-----------|----------|--|---------------------------|
| Iron sulphate; FeSO ₄ +7H ₂ O | 231-753-5 | 7782-63-0 | 25 - 40% | Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) | 01-2119513203-57 |
| Citric acid; C ₆ H ₈ O ₇ | 201-069-1 | 77-92-9 | 1 - 5% | Eye Irrit. 2 (H319) | 01-2119457026-42 |
| Ethanolamine | 205-483-8 | 141-43-5 | 0.1 - 1% | Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) | 01-2119486455-28 |
| Zinc sulphate mono hydrate; ZnSO ₄ +1H ₂ O | 231-793-3 | 7446-19-7 | < 0.1% | Acute Tox. 4 (H302) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | 01-2119474684-27 |
| Manganese sulphate; MnSO ₄ +1H ₂ O | 232-08-99 | 7785-87-7 | < 0.1% | STOT RE 2 (H373) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411) | 01-2119456624-35 |
| Copper sulfate pentahydrate; CuSO ₄ +5H ₂ O | 231-847-6 | 7758-99-8 | < 0.1% | Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | 01-2119520566-40 |

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice: First aid measures should be executed by trained personnel only.

Inhalation: If not breathing, give artificial respiration. If symptoms persist, call a physician. Move to

fresh air in case of accidental inhalation of vapours or decomposition products.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and

shoes.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses, if

present, after the first 5 minutes, then continue rinsing. If eye irritation persists, consult a

specialist.

Ingestion: Call a physician or Poison Control Centre immediately.

Protection of First-Aiders: Low hazard for usual industrial or commercial handling.

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

·

Symptoms: None under normal processing

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

Notes to Physician: None under normal processing.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

powder.

Unsuitable extinguishing media:

Water. High volume water jet.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Coordinate fire extinguishing measures to fire in surrounding area.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions:

Wear personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

For Emergency Responders:

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow product to enter the environment uncontrolled.

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 Cleanup:

Take up mechanically and collect in suitable container for disposal. If material is uncontaminated, collect and reuse as recommended for product.

6.4. Reference to other sections

§ 8, 12, 13.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. When using, do not eat, drink or smoke.

Revision Date: 19-Oct-2016

7.2. Conditions for safe storage, including any incompatibilities

Technical measures/storage conditions: Keep containers tightly closed in a cool, well-ventilated place.

Keep at temperatures between 0 °C and 40 °C.

LGK (Germany)

Packaging Materials: Store in original container.

7.3. Specific end use(s)

Specific use(s) Fertilizer; Read and follow label instructions; www.everris.com

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Revision Date: 19-Oct-2016

8.1. Control parameters

| Iron culphata, FaCO., 7HaO | |
|--|--|
| Iron sulphate; FeSO ₄ +7H ₂ O | 1 ma/m3 |
| Belgium - 8 Hr TWA | 1 mg/m³ |
| Denmark | TWA: 1 mg/m³ |
| Finland | TWA: 1 mg/m ³ |
| Ireland | TWA: 1 mg/m ³ |
| | STEL: 2 mg/m ³ |
| Norway | TWA: 1 mg/m ³ |
| | STEL: 1 mg/m ³ |
| Portugal | TWA: 1 mg/m ³ |
| Spain OEL - Time Weighted Average (TWA): | TWA: 1 mg/m ³ |
| Switzerland | TWA: 1 mg/m ³ |
| UK oes/mel: | TWA: 1 mg/m ³ |
| Citric acid: C ₆ H ₈ O ₇ | <u>.</u> |
| greece OEL 15 minute | 1 |
| Ethanolamine | |
| | T\\\\\ . 4 ==== |
| European Union | TWA: 1 ppm |
| | TWA: 2.5 mg/m ³ |
| | Skin |
| Austria | Skin |
| | STEL 3 ppm |
| | STEL 7.6 mg/m ³ |
| | TWA: 1 ppm |
| | TWA: 2.5 mg/m ³ |
| Australia TWA | 3 ppm TWA |
| | 7.5 mg/m³ TWA |
| Belgium - 8 Hr TWA | 1 ppm TWA |
| | 2.5 mg/m ³ TWA |
| Bulgaria - Occupational Exposure Limits - TWAs | 1 ppm TWA; 2.5 mg/m³ TWA |
| Croatia - Occupational Exposure Limits - STELs (KGVIs) | 3 ppm STEL [KGVI]; 7.6 mg/m3 STEL [KGVI] |
| Czech Republic OEL | 2.5 mg/m³ TWA |
| Denmark | TWA: 1 ppm |
| Dominark | TWA: 2.5 mg/m ³ |
| | Skin |
| Estonia - Occupational Exposure Limits - STELs | 3 ppm STEL; 7.6 mg/m³ STEL |
| Finland | TWA: 1 ppm |
| rillaliu | TWA: 2.5 mg/m ³ |
| | STEL: 3 ppm |
| | STEL: 7.6 mg/m ³ |
| | Skin |
| France - Occupational Exposure Limits - 8 Hour VMEs | TWA: 1 ppm |
| France - Occupational Exposure Limits - 6 Hour VIVIES | TWA: 1 ppm TWA: 2.5 mg/m ³ |
| | STEL: 3 ppm |
| | STEL: 7.6 mg/m³ |
| greece OEL 15 minute | 3 ppm STEL |
| greece OEL 15 minute | 7.6 mg/m³ STEL |
| Harrison Oceanic Constitution Francisco Limite TIMA | |
| Hungary - Occupational Exposure Limits - TWAs | 2.5 mg/m³ TWA |
| Iceland - OEL - 8 Hour | 1 ppm TWA |
| | 2.5 mg/m³ TWA |
| Indonesia - Occupational Exposure Limits - STELs (PSDs) | 6 ppm STEL |
| Italy OEL Data - Time Weighted Average (TWA): | TWA: 1 ppm |
| | TWA: 2.5 mg/m ³ |
| | STEL: 3 ppm |
| | STEL: 7.6 mg/m ³ |
| | Skin |
| Ireland | TWA: 1 ppm |
| | TWA: 2.5 mg/m ³ |
| | STEL: 3 ppm |
| | STEL: 7.6 mg/m ³ |
| | Skin |
| Japan - TWAs | 3 ppm OEL |
| | 7.5 mg/m³ OEL |
| Korea - ISHA - Occupational Exposure Limits - TWAs | 3 ppm TWA (Serial No. 349); 8 mg/m³ TWA (Serial No. 349) |
| Latvia - Occupational Exposure Limits - TWAs | 0.2 ppm TWA; 0.5 mg/m ³ TWA |
| Malaysia - Occupational Exposure Limits - TWAs | 3 ppm TWA; 7.5 mg/m³ TWA |
| Netherlands National MAC Data - Time Weighted Average (TWA): | Skin |
| | STEL: 7.6 mg/m ³ |
| | TWA: 2.5 mg/m ³ |
| | - · · · g · · · |

Revision Date: 19-Oct-2016

| TWA. 2.5 mg/m² Sing Sing STEL: 1 ppm STEL: 2.5 mg/m² STEL: 7.6 mg/m² TWA: 2.5 mg/m² TWA: 2.5 mg/m² TWA: 2.5 mg/m² TWA: 2.5 mg/m² TWA: 1 ppm TWA: 2.5 mg/m² TWA: 2.5 | | |
|--|--|--|
| Skin STEL: 1 ppm STEL: 2,5 mg/m² STEL: 2,5 mg/m² STEL: 2,5 mg/m² STEL: 2,5 mg/m² STEL: 7,5 mg/m² STEL: 7,5 mg/m² STEL: 7,5 mg/m² STEL: 7,6 mg/m² STEL: 7 | Norway | TWA: 1 ppm |
| STEL: 1 ppm STEL: 7 pm gm² | | |
| STEL: 2.5 mg/m² | | |
| STEL: 7.5 mg/m² | | |
| TWA_2.5 mg/m² | Poland | |
| STEL: 3 ppm | lolana | |
| STEL. 7.6 mg/m³ TWA: 1.0 pmm TWA: 2.5 mg/m³ TWA: 3.5 mg/m³ TWA: 4.5 mg/m³ TWA: 4.5 mg/m³ TWA: 5.5 mg/m³ TWA: 2.5 mg/m³ TWA: | Portugal | |
| TWA: 1 ppm TWA: 2 5 mg/m³ TWA: 2 5 mg/m³ TWA: 2 5 mg/m³ TWA: 2 5 mg/m³ TWA Siovenia - Occupational Exposure Limits - TWAs 1 ppm TWA: 2 5 mg/m³ TWA Siovenia - Occupational Exposure Limits - TWAs 1 ppm TWA: 2 5 mg/m³ TWA Siovenia - Occupational Exposure Limits - TWAs 1 ppm TWA: 2 5 mg/m³ TWA: 3 ppm STEL: 7.5 mg/m³ TWA: 1 ppm TWA: 2 5 mg/m³ TWA: 1 ppm TWA: 2 5 mg/m³ TWA: 1 ppm TWA: 2 5 mg/m³ TWA: 2 ppm TWA: 2 5 mg/m³ TWA: 2 ppm TWA: 2 p | | |
| TWA 2.5 mg/m² | | |
| Spain Occupational Exposure Limits - TWAs 1 ppm TWA; 2.5 mg/m³ TWA Spain OEL - Time Weighted Average (TWA): STEL: 3.5 mg/m³ STEL: 7.5 mg/m³ TWA: 1.5 mg/m³ TWA: 2.5 mg/m³ TWA: 3.5 mg/m³ TWA: 4.5 mg/m³ TWA: | | |
| Spain OEL - Time Weighted Average (TWA): STEL: 3 ppm STEL: 7.5 mg/m³ TWA: 2.5 mg/m³ TWA: 3.5 mg/m³ | Romania - Occupational Exposure Limits - TWAs | |
| STEL: 3 ppm STEL: 7.5 mg/m³ TWA: 1.5 mg/m³ TWA: 2.5 mg/m³ TWA: 1.5 mg/m³ TWA: 1.5 mg/m³ TWA: 2.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0 | | |
| STEL: 7.5 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ TWA: 2.0 mg/m³ T | Spain OEL - Time Weighted Average (TWA): | |
| TWA: 2.5 mg/m³ TWA: 2.5 mg/m³ TWA: 2.5 mg/m³ Singapore - OEL:PELS 3 ppm PEL 7.5 mg/m³ PEL Switzerland STEL: 4 ppm STEL: 10 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ TWA: 1.5 mg/m³ TWA: 2.5 mg/m³ TWA: 2.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ | | |
| TWA: 2.5 mg/m³ Singapore - OEL:PELS 3 ppm PEL 7.5 mg/m³ PEL 7.5 mg/m³ PEL 7.5 mg/m³ PEL Switzerland STEL: 4 ppm STEL: 10 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 1 mg/m³ TWA: 2 ppm TWA: 2 | | |
| Singapore - OEL:PELS 3 ppm PEL 7.5 mg/m³ PEL Switzerland STEL: 4 ppm STEL: 10 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ PEL STEL: 4 ppm STEL: 10 mg/m³ TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 2.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0 | | |
| Switzerland | Cingapara OFL PELa | |
| STEL: 4 ppm STEL: 10 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 5 mg/m³ TWA: 15 ppm STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ SWA: 1 ppm TWA: 2.5 mg/m³ SWA: 1 ppm TWA: 2.5 mg/m³ SWA: 1 ppm TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.2 mg/m³ TWA: 0.3 mg/m³ TWA: 0.3 mg/m³ TWA: 0.5 mg/m³ | Singapore - OEL:PELS | |
| STEL: 10 mg/m³ TWA: 2 ppm TWA: 5 mg/m³ TWA: 5 mg/m³ STEL: 3 ppm TWA: 1 ppm TWA: 1 ppm TWA: 2 pgm/m³ Skin Stin STEL 2 mg/m³ Skin STEL 2 mg/m³ Skin STEL: 2 mg/m³ Skin STEL: 2 mg/m³ Skin STEL: 2 mg/m³ Skin STEL: 2 mg/m³ Stin STEL: 2 mg/m³ Stin STEL: 2 mg/m³ Stin Sti | Switzerland | |
| TWA: 2 ppm TWA: 5 mg/m³ TWA: 5 mg/m³ STEL: 7.6 mg/m³ STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ Skin StEL 2 mg/m³ StEL 2 mg/m² StEL 2 mg/m³ StEL 2 mg/m³ StEL 2 mg/m³ StEL 2 mg/ | Switzerland | |
| TWA: 5 mg/m³ STEL: 76 mg/m³ STEL: 76 mg/m³ TWA: 1 ppm TWA: 1 ppm TWA: 1 ppm TWA: 25 mg/m³ Skin SEL: 2 mg/m³ SEL: 2 mg/m² SEL: 2 mg | | |
| STEL: 3 ppm STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 1 ppm TWA: 2.5 mg/m³ Stel TWA: 1 ppm TWA: 2.5 mg/m³ Stel TWA: 2.5 mg/m³ Stel TWA: 2.5 mg/m³ Stel TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.2 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 | | |
| STEL: 7.6 mg/m³ TWA: 1 ppm TWA: 2.5 mg/m³ Skin | UK oes/mel: | |
| TWA: 2.5 mg/m³ Sixin | | |
| Skin | | |
| Manganese sulphate: MnSO++1H2O STEL 2 mg/m³ TWA: 0.5 mg/m³ Australia TWA 0.2 mg/m³ Belgium - 8 Hr TWA 0.2 mg/m³ Denmark TWA: 0.2 mg/m³ Finland TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ Ireland TWA: 0.2 mg/m³ Norway TWA: 1 mg/m³ Norway TWA: 1 mg/m³ STEL: 0.1 mg/m³ STEL: 1 ppm STEL: 1 ppm STEL: 0.1 mg/m³ Poland TWA: 0.2 mg/m³ Portugal TWA: 0.2 mg/m³ Spain OEL - Time Weighted Average (TWA): TWA: 0.2 mg/m³ Switzerland TWA: 0.5 mg/m³ UK oes/mel: TWA: 0.5 mg/m³ Copper sulfate pentahydrate: CuSO+5H-O Austria STEL 4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ Finland TWA: 1 mg/m³ Poland TWA: 1 mg/m³ Switzerland STEL: 0.2 mg/m³ | | |
| Austria Australia TWA Australia TWA Belgium - 8 Hr TWA 0.2 mg/m³ Denmark TWA: 0.2 mg/m³ Denmark TWA: 0.2 mg/m³ Finland TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ Fortugal Portugal TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ Switzerland TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ Switzerland TWA: 0.5 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ Switzerland Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | | Skin |
| TWA: 0.5 mg/m³ | | OTEL 0 miles? |
| Australia TWA 0.2 mg/m³ Belgium - 8 Hr TWA 0.2 mg/m³ Denmark TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ STEL: 0.6 mg/m³ STEL: 0.6 mg/m³ STEL: 0.1 mg/m³ STEL: 0.2 mg/m³ SWitzerland SWitzerland SWitzerland SWitzerland SWitzerland SWitzerland SWitzerland SWitzerland SWitzerland SWitzerland | Austria | |
| Belgium - 8 Hr TWA | Δustralia TWΔ | |
| Denmark TWA: 0.2 mg/m³ TWA: 0.6 mg/m³ TWA: 0.6 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ STEL: 0.1 mg/m³ STEL: 0.1 mg/m³ STEL: 0.1 mg/m³ STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0. | | |
| TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ Ireland | | 0.2 mg/m^3 |
| TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ STEL: 0.1 mg/m³ STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ Spain OEL - Time Weighted Average (TWA): TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ Switzerland TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ STEL 0.5 mg/m³ TWA: 0.5 mg/m³ STEL 0.4 mg/m³ STEL 0.4 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.2 mg/m³ SSTEL: 0.2 mg/ | | |
| STEL: 0.6 mg/m³ | Denmark | TWA: 0.2 mg/m ³ |
| TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 0.2 mg/m³ STEL: 0.4 mg/m³ STEL: 0.4 mg/m³ STEL: 0.4 mg/m³ STEL: 0.2 mg/m² STEL: 0.2 mg/m | | TWA: 0.2 mg/m ³ TWA: 0.02 mg/m ³ TWA: 0.2 mg/m ³ |
| STEL: 1 ppm STEL: 0.1 mg/m³ | Denmark Finland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ |
| STEL: 0.1 mg/m³ | Denmark Finland Ireland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ |
| Poland | Denmark Finland Ireland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ |
| TWA: 0.05 mg/m³ Portugal Spain OEL - Time Weighted Average (TWA): Switzerland TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O Austria STEL 4 mg/m³ STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ Finland Foland TWA: 0.2 mg/m³ STEL: 0.2 mg/m³ STEL: 0.2 mg/m³ STEL: 0.2 mg/m³ | Denmark Finland Ireland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm |
| TWA: 0.2 mg/m³ | Denmark Finland Ireland Norway | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ |
| Spain OEL - Time Weighted Average (TWA): TWA: 0.2 mg/m³ Switzerland TWA: 0.5 mg/m³ UK oes/mel: TWA: 0.5 mg/m³ Copper sulfate pentahydrate; CuSO4+5H2O Austria STEL 4 mg/m³ STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ Finland TWA: 0.2 mg/m³ Poland STEL: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ |
| Switzerland TWA: 0.5 mg/m³ UK oes/mel: TWA: 0.5 mg/m³ Copper sulfate pentahydrate; CuSO₄+5H₂O STEL 4 mg/m³ Austria STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ Finland TWA: 1 mg/m³ Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ |
| UK oes/mel: TWA: 0.5 mg/m³ Copper sulfate pentahydrate; CuSO4+5H2O STEL 4 mg/m³ Austria STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ Finland TWA: 1 mg/m³ Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ |
| Copper sulfate pentahydrate; CuSO4+5H2O Austria STEL 4 mg/m³ STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ TWA: 1 mg/m³ Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.20 mg/m³ TWA: 0.20 mg/m³ TWA: 0.20 mg/m³ TWA: 0.20 mg/m³ |
| Austria STEL 4 mg/m³ STEL 0.4 mg/m³ TWA: 0.4 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ Finland TWA: 1 mg/m³ Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ |
| STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 1 mg/m³ TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ |
| TWA: 1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ Finland TWA: 1 mg/m³ Foland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ |
| TWA: 0.1 mg/m³ Finland TWA: 1 mg/m³ Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ |
| Finland TWA: 1 mg/m³ Poland TWA: 0.2 mg/m³ Switzerland STEL: 0.2 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.05 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ |
| Switzerland STEL: 0.2 mg/m ³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.05 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.4 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ |
| | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O Austria | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.05 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 1 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ |
| TWA: 0.1 mg/m³ | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.05 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ |
| | Denmark Finland Ireland Norway Poland Portugal Spain OEL - Time Weighted Average (TWA): Switzerland UK oes/mel: Copper sulfate pentahydrate; CuSO4+5H2O Austria Finland | TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ TWA: 0.2 mg/m³ TWA: 0.2 mg/m³ STEL: 0.6 mg/m³ STEL: 0.6 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ STEL: 1 ppm STEL: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.05 mg/m³ TWA: 0.2 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.5 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ STEL 0.4 mg/m³ TWA: 1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.1 mg/m³ TWA: 0.2 mg/m³ |

8.2. Exposure controls

Personal protective equipment

Eye/Face Protection: Not required

Hand protection: Respiratory Protection: Skin and Body Protection: Gloves. Nitrile rubber (0.26 mm). Break through time. > 8 h. No personal respiratory protective equipment normally required Lightweight protective clothing

Revision Date: 19-Oct-2016

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State: liquid

Appearance:aqueous solutionOdor:Not significantBulk density:no data available

pH: 3.2

Melting Point/Freezing Point: no data available **Boiling Point/Range:** no data available. Flash Point: no data available. no data available. **Evaporation Rate:** Flammability (solid, gas): Non-flammable Vapor Pressure: no data available. Vapor Density: no data available, **Specific Gravity:** no data available Water Solubility: Soluble in water Solubility(ies) no data available **Partition Coefficient:** no data available. Not Applicable **Autoignition Temperature: Decomposition Temperature:** no data available

Explosive Properties: Doesn't present explosion hazard. Based on data of ingredients.

9.2. Other information

Not applicable

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

10.4. Conditions to avoid

For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well

10.5. 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

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 toxicological effects

Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):

Product Information

Inhalation Inhalation of dust in high concentration may cause irritation of respiratory system.

Eve contact May cause slight irritation.

Skin Contact May cause irritation.

Ingestion May cause gastrointestinal discomfort if consumed in large amounts.

Revision Date: 19-Oct-2016

<u>Information on Toxicological Effects:</u>

Symptoms: No information available

Acute Toxicity

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

ATEmix (oral): 1,936.00 mg/kg

Unknown Acute Toxicity: 0% of the mixture consists of ingredient(s) of unknown toxicity.

| Ingredients | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|--|--|-----------------|
| Iron sulphate; FeSO ₄ +7H ₂ O | = 1520 mg/kg | | |
| Citric acid; C ₆ H ₈ O ₇ | = 3 g/kg (Rat) = 3000 mg/kg (Rat) | | |
| Ethanolamine | = 1720 mg/kg (Rat) | = 1000 mg/kg(Rabbit)= 1 mL/kg(Rabbit) | |
| Manganese sulphate; MnSO ₄ +1H ₂ O | = 782 mg/kg (Rat) | | |
| Copper sulfate pentahydrate; CuSO ₄ +5H ₂ O | = 960 mg/kg (Rat) = 300 mg/kg (Rat) | > 2 g/kg (Rat) | |

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:

No additional information available

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity effects: Do not allow product to enter the environment uncontrolled.

Unknown Aquatic Toxicity: 0% of the mixture consists of components(s) of unknown hazards to the aquatic

environment.

| Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|---|---|---|--|
| - | 1516: 96 h Lepomis | - | 120: 72 h Daphnia |
| | . • | | magna mg/L EC50 |
| 15: 72 h Desmodesmus subspicatus mg/L EC50 | 227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss | - | 65: 48 h Daphnia magna mg/L EC50 |
| - | 0.66 - 1.15: 96 h Lepomis | - | 0.147 - 0.227: 48 h |
| | | | Daphnia magna mg/L EC50 Static |
| | - 15: 72 h Desmodesmus | - 1516: 96 h Lepomis macrochirus mg/L LC50 static 15: 72 h Desmodesmus subspicatus mg/L EC50 15: 72 h Desmodesmus subspicatus mg/L EC50 15: 72 h Desmodesmus promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | - 1516: 96 h Lepomis macrochirus mg/L LC50 static 15: 72 h Desmodesmus subspicatus mg/L EC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through - 0.66 - 1.15: 96 h Lepomis macrochirus mg/L LC50 macrochirus mg/L LC50 flow-through |

| h Lepomis macrochirus | |
|-------------------------|--|
| mg/L LC50 static 0.1478 | |
| - 0.165: 96 h | |
| Oncorhynchus mykiss | |
| mg/L LC50 flow-through | |
| 0.09 - 0.19: 96 h | |
| Oncorhynchus mykiss | |
| mg/L LC50 static 0.6752 | |
| 96 h Pimephales | |
| promelas mg/L LC50 | |
| static | |

12.2. Persistence and degradability

Persistence and Degradability: No information available.

12.3. Bioaccumulative potential

Bioaccumulation: No information available.

| Ingredients | LOGPOW |
|---|--------|
| Citric acid; C ₆ H ₈ O ₇ | -1.72 |
| Ethanolamine | -1.91 |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Other adverse effects

Mobility: No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal of Wastes: Disposal should be in accordance with applicable regional,

national and local laws and regulations.

Do not re-use empty containers. Dispose of as unused product. **Contaminated Packaging:** Other Information:

Use up product completely. Packaging material is industrial

Revision Date: 19-Oct-2016

waste.

Section 14: TRANSPORT INFORMATION

IMO / IMDG

14.1 UN-No: Not regulated

14.2

Proper shipping name: Not regulated

14.3

Hazard Class: Not regulated

14.4

Packing group: Not regulated

14.5

Marine Pollutant: No information available

14.6

Special Provisions None

14.7

Transport in bulk according to Annex II of MARPOL 73/78 Not regulated

and the IBC Code

ADR/RID

Greenmaster Liquid 0-0-0-6.3Fe

Revision Date: 19-Oct-2016

14.1

UN-No: Not regulated

14.2

Proper shipping name: Not regulated

14.3

Hazard Class: Not regulated

14.4

Packing group: Not regulated

14.5

Environmental Hazard Not regulated

14.6

Special Provisions None

IATA

14.1 UN-No: Not regulated

14.2

Proper shipping name: Not regulated

14.3

Hazard Class: Not regulated

<u>14.4</u>

Packing group: Not regulated

14.5

Environmental Hazard Not regulated

<u> 14.6</u>

Special Provisions None

Section 15: REGULATORY INFORMATION

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

<u>Belgium</u>

Denmark

Danish Sikkerhedsgruppe No data available

France

ICPE Not regulated

Germany

LGK (Germany) 13

Water Endangering Class (WGK): 1 (Everris classification)

Gefahrstoffverordnung (Germany) TRGS 511 Not regulated

| Component | German WGK Section |
|--|--------------------|
| Citric acid; C ₆ H ₈ O ₇ | class 1 |
| 77-92-9 (1 - 5%) | |
| Ethanolamine | class 1 |
| 141-43-5 (0.1 - 1%) | |
| Zinc sulphate mono hydrate; ZnSO ₄ +1H ₂ O | class 3 |
| 7446-19-7 (< 0.1%) | |
| Manganese sulphate; MnSO ₄ +1H ₂ O | class 1 |
| 7785-87-7 (< 0.1%) | |

European Union

REACH:

15.2 Chemical safety assessment

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

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

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H332 - Harmful if inhaled

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H319 - Causes serious eye irritation

H315 - Causes skin 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 H412 - Harmful to aquatic life with long lasting effects

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

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organization

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)

PNEC: Predicted No Effect Concentration

DNEL: Derived No-Effect Level

Reach: Registration, Evaluation, authorization of Chemicals CLP: EU-GHS; Classification, Labelling and Packaging

OEL: Occupational Exposure Limit TWA: Time Weighted Average ATE: Acute Toxicity Estimate

EUH statement: CLP (EU) specific hazard statement

Classification procedure: - Calculation method

- Expert judgment and weight of evidence determination

Revision Date: 19-Oct-2016

Key literature references and sources for data

According to EC Regulation 1907/2006 (Reach), Regulation EU

No. 2015/830

Regulation (EC) No 1272/2008

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

 Issue Date:
 24-Feb-2015

 Revision Date:
 19-Oct-2016

Reason for revision:*** Indicates changes since the last revision. This version

replaces all previous versions

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

Disclaimer

Revision Date: 19-Oct-2016

This information contained herein is, to the best of Everris' knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Everris shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Everris shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.