

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 05-Jan-2023

Version: 1

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

1.1. Product identifier

| | |
|---------------------------------|---|
| Product Name | Sportsmaster CRF Mini High N 24-5-11+3CaO |
| Product Code | 4278-125HZ |
| Unique Formula Identifier (UFI) | F9UC-U068-Y00T-HXHY |
| REACH registration number | Not applicable |
| 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

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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 | 088 755 8000 (24/7) |
| 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 SW 145 (24h) |
| United Kingdom | 111 |

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| | |
|-----------------------------------|---------------------|
| Serious eye damage/eye irritation | Category 2 - (H319) |
|-----------------------------------|---------------------|

2.2. Label elements



Signal word

Warning

Hazard statements

H319 - Causes serious eye irritation

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

P280 - Wear eye protection/ face protection

P337 + P313 - If eye irritation persists: Get medical advice/attention

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 (EU Index 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 Irrit. 2 (H319) | - | 01-2119489441-34 | - | - |
| Sulphur; S (7704-34-9) | 231-722-6 | 1 - 5% | Skin Irrit. 2 (H315) | - | 01-2119487295-27 | - | - |
| Biuret; C ₆ H ₈ O ₇ (108-19-0) | 203-559-0 | 0.1 - 1% | STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) | - | Not available | - | - |

*The exact percentage (concentration) of composition has been withheld as a trade secret

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 (ATE_{mix}) for classifying a mixture based on its components

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L |
|--|-----------------|-------------------|---|
| Potassium sulphate; K ₂ SO ₄ | 6600 | No data available | No data available |
| Sulphur; S | 3000 | 2000 | No data available |
| Biuret; C ₆ H ₈ O ₇ | 14300 | 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 contact | Wash 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

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

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/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. Keep away from frost.

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

LGK (Germany) TRGS 510 13

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|--|----------------|---------|-----------|-----------------------------|-------------|
| Potassium sulphate; K ₂ SO ₄ | - | - | - | TWA: 10.0 mg/m ³ | - |
| Chemical name | Italy MDLPS | Latvia | Lithuania | Luxembourg | Netherlands |

| | | | | | |
|--|--------|---------------------------|---------------------------|----------------------------|----------|
| Potassium sulphate; K ₂ SO ₄ | - | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | - | - |
| Sulphur; S | - | TWA: 6 mg/m ³ | TWA: 6 mg/m ³ | - | - |
| Chemical name | Norway | Poland | Portugal | Romania | Slovakia |
| Sulphur; S | - | - | - | STEL: 15 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.

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Personal protective equipment Wear normal, light working clothing

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

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

Skin and body protection Lightweight protective clothing.

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: Granules
Color: orange, white, grey
Odor: Fertilizer.

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------------|-----------------------|-------------------------|
| Melting Point/Freezing Point: | No data available | None known |
| Boiling Point/Range: | No data available | None known |
| Flammability (solid, gas): | No data available | None known |
| Flammability Limits in Air: | | None known |
| Upper Flammability Limit: | Not applicable | |
| Lower Flammability Limit: | Not applicable | |
| Flash Point: | No data available | None known |
| Autoignition Temperature: | No data available | None known |
| Decomposition Temperature: | | None known |
| pH | 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 |
| Water solubility | No data available | None known |
| Solubility(ies) | No data available | None known |
| Partition Coefficient: | No data available | None known |
| Vapor Pressure: | No data available | None known |
| Relative density | No data available | None known |
| Bulk density | 946 kg/m ³ | |
| Density: | No data available | |

| | | |
|----------------------------|-------------------|------------|
| Vapour density | No data available | None known |
| 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

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 derivatives 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 use conditions. 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 | Causes serious eye damage. |
| Skin contact | Causes mild skin 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

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

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------------------|-------------------------|-------------------------|
| Potassium sulphate; K ₂ SO ₄ | = 6600 mg/kg (Rat) | - | - |
| Sulphur; S | > 3000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 9.23 mg/L (Rat) 4 h |
| Biuret; C ₆ H ₈ O ₇ | 14300 - 15000 mg/kg (Rat) | - | - |

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

Skin corrosion/irritation No 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 mutagenicity Based on available data, the classification criteria are not met.

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

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

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

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

Endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

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

Unknown aquatic toxicity

Contains 2 % 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) |

| | | | | |
|------------|---|--|---|---|
| Sulphur; S | - | LC50: <14mg/L (96h, Lepomis macrochirus) LC50: =866mg/L (96h, Brachydanio rerio) LC50: >180mg/L (96h, Oncorhynchus mykiss) | - | - |
|------------|---|--|---|---|

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 soil no data available.

Mobility no data available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

| Chemical name | PBT and vPvB assessment |
|--|---|
| Potassium sulphate; K ₂ SO ₄ | The substance is not PBT / vPvB PBT assessment does not apply |
| Sulphur; S | The substance is not PBT / vPvB PBT assessment does not apply |

12.6. Endocrine disrupting properties

12.7. Other adverse effects

. No information available.

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

IMDG

14.1
UN-No: Not regulated

14.2
Proper shipping name: Not regulated

14.3
Transport hazard class(es) Not regulated

14.4
Packing group: Not regulated

| | |
|--|-------------------|
| <u>14.5</u> | |
| Marine Pollutant: | Not regulated |
| <u>14.6</u> | |
| Special Provisions | None |
| <u>14.7</u> | |
| Bulk transport according Annex II of MARPOL and IBC Code | No data available |

ADR

| | |
|----------------------------|---------------|
| <u>14.1</u> | |
| UN-No: | Not regulated |
| <u>14.2</u> | |
| Proper shipping name: | Not regulated |
| <u>14.3</u> | |
| Transport hazard class(es) | Not regulated |
| <u>14.4</u> | |
| Packing group: | Not regulated |
| <u>14.5</u> | |
| Environmental hazards | Not regulated |
| <u>14.6</u> | |
| Special Provisions | None |

IATA

| | |
|----------------------------|---------------|
| <u>14.1</u> | |
| UN number or ID number | Not regulated |
| <u>14.2</u> | |
| Proper shipping name: | Not regulated |
| <u>14.3</u> | |
| Transport hazard class(es) | Not regulated |
| <u>14.4</u> | |
| Packing group | Not regulated |
| <u>14.5</u> | |
| Environmental hazards | 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

National regulations

Denmark

France

ICPE Not regulated

Germany

LGK (Germany) TRGS 510

13

Gefahrstoffverordnung (Germany) TRGS 511

Not regulated

Water hazard class (WGK)

non-hazardous to water (nwg)

| Chemical name | German WGK Section |
|--|--|
| Potassium sulphate; K ₂ SO ₄ | Reg. no. 255, hazard class 1 - slightly hazardous to water |
| Sulphur; S | 1 |
| Biuret; C ₆ H ₈ O ₇ | 3 |

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

Not regulated

Persistent Organic Pollutants

Not applicable

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

Not applicable

EU - Plant Protection Products (1107/2009/EC)

| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|---------------|---|
| Sulphur; S | Plant protection agent |

International Inventories:

Legend:

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

DSL/NDL - 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

H315 - Causes skin irritation

H319 - Causes serious eye 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 Ceiling | TWA (time-weighted average) Maximum limit value | STEL * | STEL (Short Term Exposure Limit) Skin designation |
|-------------|---|--------|---|

Classification procedure

- Calculation method
- Expert judgment and weight of evidence determination

| Classification procedure | |
|--|--------------------|
| <i>Classification according to Regulation (EC) No. 1272/2008 [CLP]</i> | <i>Method Used</i> |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapor | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitization | Calculation method |
| Skin sensitization | Calculation method |
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |

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)

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Restrictions on use Restricted 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