

# Safety Data Sheet

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

### 1.1. Product identifier

**Product Name** Sportsmaster CRF Mini 10-5-21+2CaO+2MgO  
**Product Code:** 42830125UB  
**Synonyms:** Sportsmaster CRF Mini 10-2.2-17.4+1.4Ca+1.2Mg  
**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 [SU 21].

### 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.

**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 (CLP)*

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**Signal Word:** None

### EU Specific Hazard Statements:

EUH210 - Safety data sheet available on request

### Other hazards (UN-GHS)

H316 - Causes mild skin irritation

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical Name	EC-No.	CAS No	Weight %	Classification according Regulation (EC) 1272/2008 [CLP]	REACH registration number
Urea	200-315-5	57-13-6	10 - 25%	Not classified	01-2119463277-33
Calcium sulphate dihydrate; CaSO <sub>4</sub> +2H <sub>2</sub> O	231-900-3	10101-41-4	10 - 25%	Not classified	01-2119444918-26
Sulphur; S	231-722-6	7704-34-9	1 - 5%	Skin Irrit. 2 (H315)	01-2119487295-27

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

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General Advice:</b>	First aid measures should be executed by trained personnel only.
<b>Inhalation</b>	If not breathing, give artificial respiration. If symptoms persist, call a physician. If fumes from reactions are inhaled, move to fresh air immediately.
<b>Skin Contact:</b>	If skin irritation persists, call a physician.
<b>Eye Contact:</b>	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	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

None under normal processing

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

None under normal processing.

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

*Suitable Extinguishing Media:* Coordinate fire extinguishing measures to fire in surrounding area. Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

*Unsuitable Extinguishing Media:* 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

Use extinguishing agent suitable for type of surrounding fire. In the event of fire and/or explosion do not breathe fumes. 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 personal protective equipment. Evacuate personnel to safe areas.

**For Emergency Responders:** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Do not allow material to contaminate ground water 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 Cleanup:* Take up mechanically and collect in suitable container for disposal.

### 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.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures/storage conditions:

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 flammable material.

Packaging Materials:  
LGK (Germany)

Store in original container. Store in a closed container.  
Exempt

**7.3. Specific end use(s)**

Specific use(s)  
Exposure scenario

Fertilizer; www.everris.com; Read and follow label instructions  
Mixture. Not required.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

<i>Urea</i>	
Bulgaria - OEL- TWAs	10.0 mg/m <sup>3</sup> TWA
Latvia - OEL - TWAs	10 mg/m <sup>3</sup> TWA
<i>Calcium sulphate dihydrate; CaSO<sub>4</sub>+2H<sub>2</sub>O</i>	
Belgium - 8 Hr TWA	10 mg/m <sup>3</sup> TWA
Portugal	TWA: 10 mg/m <sup>3</sup>
Spain - Valores Limite Ambientales - VLE	TWA: 10 mg/m <sup>3</sup>
Switzerland	TWA: 3 mg/m <sup>3</sup>
UK EH40 WEL (8h)	10 mg/m <sup>3</sup> TWA (Inhalable) 4 mg/m <sup>3</sup> TWA (Respirable)
<i>Sulphur; S</i>	
Latvia - OEL - TWAs	6 mg/m <sup>3</sup> TWA
Russia TWA	6 mg/m <sup>3</sup> TWA 1863

**Derived No Effect Level (DNEL)**

Component	Oral	Dermal	Inhalation
Urea 57-13-6 ( 10 - 25% )		580 mg/kg bw/day	292 mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC)**

No data available

Component	Fresh Water	Freshwater sediment	Sea Water	Sea sediment	Soil	Impact on Sewage Treatment
Urea 57-13-6 ( 10 - 25% )	0.47 mg/l		0.047 mg/l			

**8.2. Exposure controls****Personal protective equipment****Eye/Face Protection**

Wear eye/face protection

**Hand protection**

Gloves. Nitrile rubber (0.26 mm). Break through time. &gt; 8 h.

**Respiratory Protection**

Not required; except in case of aerosol formation. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit

**Skin and body protection:**

Lightweight protective clothing

**Hygiene Measures:**

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

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties****Physical State:**

Solid

**Appearance:**

Granules

**Odor:**

None

<b>Melting Point/Freezing Point:</b>	No data available
<b>Boiling Point/Range:</b>	Solid. Not applicable.
<b>Flash Point:</b>	Solid. Not applicable.
<b>Evaporation Rate:</b>	Solid. Not applicable.
<b>Flammability (solid, gas):</b>	Not flammable
<b>Vapor Pressure:</b>	Solid. Not applicable.
<b>Vapour density</b>	Solid. Not applicable.
<b>Relative density</b>	No data available
<b>Water Solubility:</b>	No data available
<b>Solubility(ies)</b>	No data available
<b>Partition Coefficient:</b>	Solid. Not applicable.
<b>Autoignition Temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Explosive Properties:</b>	Doesn't present explosion hazard.
<b>9.2. Other information</b>	
<b>VOC Content (%):</b>	Solid. 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 packaging should be closed well.

### 10.5. 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

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

#### **Product Information**

If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. More detailed substance and/or ingredient information may be provided in the other sections of this SDS

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

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

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

**Eye contact** May cause slight irritation.

**Skin Contact** May cause irritation.

**Ingestion** May cause gastrointestinal discomfort if consumed in large amounts.

#### **Information on Toxicological Effects**

None known

#### **Acute Toxicity**

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

ATEmix (oral): 94,637.00 mg/kg

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Urea	= 8471 mg/kg ( Rat )		
Sulphur; S	> 3000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 9.23 mg/L ( Rat ) 4 h

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

If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. More detailed substance and/or ingredient information may be provided in the other sections of this SDS

<b>Serious eye damage/eye irritation</b>	Classification based on individual ingredients of the mixture.
<b>Respiratory or skin sensitization</b>	Classification based on individual ingredients of the mixture.
<b>Germ Cell Mutagenicity</b>	Classification based on individual ingredients of the mixture.
<b>Carcinogenicity</b>	Classification based on individual ingredients of the mixture.
<b>Reproductive Toxicity</b>	Classification based on individual ingredients of the mixture.
<b>STOT - Single Exposure</b>	Classification based on individual ingredients of the mixture.
<b>STOT - Repeated Exposure</b>	Classification based on individual ingredients of the mixture.
<b>Aspiration Hazard</b>	Classification based on individual ingredients of the mixture.

## Section 12: ECOLOGICAL INFORMATION

**12.1. Toxicity****Ecotoxicity**

Should not be released into the environment

**Unknown Aquatic Toxicity**

1% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Urea	> 10000: 192 h Scenedesmus quadricauda mg/L EC50	16200 - 18300: 96 h Poecilia reticulata mg/L LC50	-	3910: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna Straus mg/L EC50
Sulphur; S	-	866: 96 h Brachydanio rerio mg/L LC50 static 14: 96 h Lepomis macrochirus mg/L LC50 static 180: 96 h Oncorhynchus mykiss mg/L LC50 static	-	-

**12.2. Persistence and degradability****Persistence and Degradability:**

No persistent or cumulative effects were observed.

**12.3. Bioaccumulative potential****Bioaccumulation:**

Does not bioaccumulate.

Chemical Name	LOGPOW
Urea	-1.59

**12.4. Mobility in soil**

No data available.

**12.5. PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data 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.

**Contaminated Packaging:**

Do not reuse container.

**Other Information**

Use up product completely. Packaging material is industrial 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:**

Not regulated

**14.6****Special Provisions**

None

**14.7****Bulk transport according Annex II of MARPOL and IBC Code** No data available**ADR/RID****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

**14.4****Packing group:**

Not regulated

**14.5****Environmental Hazard**

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****Belgium****Denmark**

Denmark No data available

**France**

ICPE Not regulated

**Germany**

LGK (Germany) Exempt  
 Water Endangering Class (WGK): 1 (Everris classification)  
 Gefahrstoffverordnung (Germany) TRGS 511 Not regulated

Component	German WGK Section
Urea 57-13-6 ( 10 - 25% )	1
Calcium sulphate dihydrate; CaSO <sub>4</sub> +2H <sub>2</sub> O 10101-41-4 ( 10 - 25% )	1
Sulphur; S 7704-34-9 ( 1 - 5% )	class 1

**15.2 Chemical safety assessment**

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

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

**Section 16: OTHER INFORMATION****Full text of H-Statements referred to under sections 2 and 3**

- H315 - Causes skin irritation
- H316 - Causes mild skin irritation

**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 phrase: CLP (EU) specific hazard statement  
 LD50: Lethal dose, 50%.  
 LC50: Lethal concentration, 50%.  
 SVHC: Substance of Very High Concern.

**Classification procedure**

- Calculation method
- Expert judgment and weight of evidence determination

**Key literature references and sources for data**

According to EC Regulation 1907/2006 (Reach), Regulation EU No. 2015/830. Regulation (EC) No 1272/2008 (CLP).

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

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**Reason for revision** \*\*\* Indicates changes since the last revision. This version replaces all previous versions

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