

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 Renovator Pro 14-0-5+Fe+MCPA+Mecoprop-P
Product Code: 52060125DB
Pure substance/mixture Mixture.

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

Recommended Use Herbicide. Restricted to professional users.
Uses Advised Against: Consumer use [SU21].

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)

Eye Irritation	Category 2 - (H319)
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2.2. Label elements



Signal Word: Warning

Hazard Statements:

H319 - Causes serious eye irritation

EU Specific Hazard Statements:

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

EUH208 - Contains (Mecoprop-P). May produce an allergic reaction.

Precautionary Statements:

P280 - Wear protective gloves/protective clothing/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

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P103 - Read carefully and follow all instructions

P234 - Keep only in original packaging

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

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

P501 - Dispose of contents/containers in accordance with local regulations

SP1: Do not contaminate water with the product or its container. Do not clean application equipment near surface water/ Avoid contamination via drains from farmyards and roads

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
Iron sulfate monohydrate (US)	-	17375-41-6	10 - 25%	Acute Tox. 4 (H302) Skin irrit. 2 (H315) Eye irrit. 2 (H319)	no data available
Calcium phosphate monobasic; Ca(H ₂ PO ₄) ₂	231-837-1	7758-23-8	1 - 5%	Eye Dam. 1 (H318)	01-2119490065-39
Sand	238-878-4	14808-60-7	0.1 - 1%	Not classified	Exempt
MCPA, 2-ethylhexyl (4-chloro-2-methylphenoxy)acetate	-	29450-45-1	0.1 - 1%	Acute Tox. 4 (H332) Acute Tox. 4 (H312) Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	no data available
Mecoprop P - ester de 2-ethylhexyl	-	861229-15-4	0.1 - 1%	Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	01-2120736627-47

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

Move to fresh air. If symptoms persist, call a physician.

Skin Contact:

Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Ingestion:

If swallowed, seek medical advice immediately and show this container or label.

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.

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

6.2. Environmental precautions

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

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: Sweep up and shovel into suitable containers 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: Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.
Packaging Materials: Store in original container. Store in a closed container.
LGK (Germany) Exempt

7.3. Specific end use(s)

Specific use(s): Fertilizer; www.everris.com; Read and follow label instructions
Exposure scenario: Mixture. Not required.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<i>Iron sulfate monohydrate (US)</i>	
Denmark	TWA: 1 mg/m ³
Finland	TWA: 1 mg/m ³
Ireland	TWA: 1 mg/m ³ STEL: 2 mg/m ³
Norway	TWA: 1 mg/m ³ STEL: 2 mg/m ³
Portugal	TWA: 1 mg/m ³
Spain - VLE	TWA: 1 mg/m ³
Switzerland	TWA: 1 mg/m ³
UK EH40 WEL (8h)	1 mg/m ³ TWA
<i>Calcium phosphate monobasic; Ca(H₂PO₄)₂</i>	
Latvia - OEL - TWAs	10 mg/m ³ TWA ([349])
<i>Sand</i>	
European Union	TWA 0.1 mg/m ³ respirable fraction

Austria	TWA: 0.15 mg/m ³
Australia	0.05 mg/m ³ TWA respirable dust
Belgium - 8 Hr TWA	0.1 mg/m ³ TWA
Czech Republic OEL	0.1 mg/m ³ TWA (dust)
Denmark	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³
Finland	TWA: 0.05 mg/m ³
FR - OEL - 8h VMEs	TWA: 0.1 mg/m ³
Hungary - OEL - TWAs	0.15 mg/m ³ TWA
Iceland - OEL - 8 Hour	0.1 mg/m ³ TWA
Ireland	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³
Japan	0.03 mg/m ³ OEL
Korea - ISHA - OEL - TWAs	0.05 mg/m ³ TWA (respirable fraction, Serial No. 269)
Malaysia	0.1 mg/m ³ TWA (respirable fraction)
NL MAC - TWA:	TWA: 0.075 mg/m ³ TWA: 0.75 mg/m ³
Norway	TWA: 0.1 mg/m ³ STEL: 0.1 mg/m ³
Poland	TWA: 0.3 mg/m ³
Portugal	TWA: 0.025 mg/m ³
Romania - OEL - TWAs	0.1 mg/m ³ TWA (dust, respirable fraction)
Russia TWA	1 mg/m ³ TWA 1177 1 mg/m ³ TWA 1178
Slovak Republic - TLV - TWAs	0.1 mg/m ³ TWA
Spain - VLE	TWA: 0.05 mg/m ³
Singapore - OEL:PELs	0.1 mg/m ³ PEL
Switzerland	TWA: 0.15 mg/m ³
UK EH40 WEL (8h)	LTEL (8 Hr) 6 mg/m ³ (total inhalable dust) STEL (15 min) 2.4 mg/m ³ (total respirable dust)

Derived No Effect Level (DNEL)

Predicted No Effect Concentration (PNEC)

No data available

8.2. Exposure controls

Personal protective equipment

Eye/Face Protection	Face-shield
Hand protection	Protective gloves.
Respiratory Protection	Wear respirator with dust filter
Skin and body protection:	Lightweight protective clothing
Hygiene Measures:	Wash hands before stopping and immediately after handling. When using, do not eat, drink or smoke.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State:	Solid
Color:	light grey.
Odor:	Fertilizer
Bulk density:	850 - 950 kg/m ³
pH:	No data available
Melting Point/Freezing Point:	No data available
Boiling Point/Range:	Solid. Not applicable.
Flash Point:	Solid. Not applicable.
Evaporation Rate:	Solid. Not applicable.
Flammability (solid, gas):	Not flammable
Vapor Pressure:	Solid. Not applicable.
Vapour density	Solid. Not applicable.
Relative density	No data available

Water Solubility:	No data available
Solubility(ies)	No data available
Partition Coefficient:	Solid. Not applicable.
Autoignition Temperature:	No data available
Decomposition temperature:	No data available
Explosive Properties:	Doesn't present explosion hazard.
9.2. Other information	
VOC Content (%):	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

Nitrogen oxides (NOx).

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

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium phosphate monobasic; Ca(H ₂ PO ₄) ₂	= 3986 mg/kg (Rat)	> 2 g/kg (Rabbit)	

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

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

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Should not be released into the environment

12.2. Persistence and degradability

Persistence and Degradability: No persistent or cumulative effects were observed.

12.3. Bioaccumulative potential

Bioaccumulation: Does not bioaccumulate.

12.4. Mobility in soil

Mobility in soil No data available.

12.5. PBT and vPvB assessment

PBT and vPvB assessment No data available.

12.6. Other adverse effects

Mobility: 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:	No information available

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): No information available
Gefahrstoffverordnung (Germany) TRGS 511 No information available

Component	German WGK Section
Calcium phosphate monobasic; Ca(H ₂ PO ₄) ₂ 7758-23-8 (1 - 5%)	class 1
Sand 14808-60-7 (0.1 - 1%)	NWG

Registration number (UK): MAPP: 16803 PCS No: 05003

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

- H302 - Harmful if swallowed
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H317 - May cause an allergic skin reaction

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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Restrictions on use

Restricted to professional users

Reason for revision

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

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