

Safety Data Sheet

Issue Date 14-Apr-2014

Revision Date 26-Jul-2021

Version: 2

Section 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product identifier

Product Name Sportsmaster WSF High K
Product ID 20550115AU

Other means of identification

Proper shipping name Oxidizing solid, N.O.S.
UN Number 1479
Synonyms: Sportsmaster WSF 15-0-35.7+Fe

Recommended use of the chemical and restrictions on use

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

Details of manufacturer or importer

Manufacturer

Everris Australia Pty Ltd, 211/33 Lexington Drive, Bella Vista, NSW 2153, Australia. Tel: +61(2) 8801 3300

E-mail address INFO-MSDS@EVERRIS.COM

Emergency telephone number

Australia: (02) 8014 4558
New Zealand: (09) 9929 1483

Section 2: HAZARD(S) IDENTIFICATION

GHS Classification

Mixture

Oxidizing solids	Category 3 - (H272)
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Label elements



Signal word

Warning

Hazard statements

H272 - May intensify fire; oxidizer

Precautionary Statements - Prevention

Keep/Store away from clothing/ combustible materials
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Wear protective gloves/protective clothing/eye protection/face protection
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

No hazards to be especially mentioned

Section 3: COMPOSITION AND INFORMATION ON INGREDIENTS IN ACCORDANCE WITH SCHEDULE 8**Substance**

Chemical name	CAS No	EC No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Potassium nitrate; KNO ₃	7757-79-1	231-818-8	> 60%	Ox. Sol. 3 (H272)	01-2119488224-35
Citric acid; C ₆ H ₈ O ₇	77-92-9	201-069-1	0.1 - 1%	Eye Irrit. 2 (H319)	01-2119457026-42

6% of the other ingredients are determined not be hazardous.

Section 4: FIRST AID MEASURES**Description of first aid measures**

General advice	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. Possible symptoms are coughing and/or dyspnoea. If breathing is difficult, give oxygen.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Possible symptoms are nausea and/or vomiting. If a person vomits when lying on his back, place him in the recovery position. Do not induce vomiting without medical advice. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed**Symptoms** no data available.**Indication of any immediate medical attention and special treatment needed****Note to physicians** Treat symptomatically.**Section 5: FIREFIGHTING MEASURES****Suitable Extinguishing Media****Suitable Extinguishing Media** Flooding quantities of water.**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating and toxic gases and vapors.**Special protective actions for fire-fighters**

Special protective equipment for fire-fighters Coordinate fire extinguishing measures to fire in surrounding area.

Hazchem code 1Y

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Avoid generation of dust. Use personal protective equipment as required.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. See Section 12 for additional Ecological Information.

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 Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust.

Section 7: HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Use personal protection equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container closed when not in use. Protect from sunlight. Keep at a temperature not exceeding 40 °C.

Incompatible materials None known based on information supplied.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Potassium nitrate; KNO₃

Australia	> 10 mg/m ³
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Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection No special protective equipment required.

Skin and body protection:	No special protective equipment required.
Hand Protection	No special protective equipment required.
Environmental exposure controls	Do not allow into any sewer, on the ground or into any body of water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid
Appearance:	Powder(s)
Color:	Off-white
Odor:	Fertilizer.
Odor Threshold:	No data available
pH	4 @ 21 °C
Melting Point/Freezing Point:	No data available
Boiling Point/Range:	Solid, not applicable
Flash Point:	No data available
Evaporation Rate:	no data available
Flammability (solid, gas):	Non-flammable
Vapor Pressure:	Solid, not applicable
Vapour density	Solid, not applicable
Water Solubility:	Soluble in water
Partition Coefficient:	Solid, not applicable
Autoignition Temperature:	No data available
Hyphen	no data available
Kinematic Viscosity:	No data available
Dynamic Viscosity:	no data available

Other information

Softening Point:	no data available
Molecular Weight:	no data available
VOC Content (%)	No data available
Bulk Density:	800 - 1100 kg/m ³
Particle Size	
Particle Size Distribution	

Section 10: STABILITY AND REACTIVITY

Reactivity Not reactive.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous Decomposition Products: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Conditions to Avoid:

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

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products

Hazardous Decomposition Products None known based on information supplied.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation	May cause irritation of respiratory tract.
Eye contact	May cause irritation.
Skin Contact	May cause irritation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Symptoms no data available.

Numerical measures of toxicity - Product Information

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

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium nitrate; KNO ₃	= 3015 mg/kg (Rat)	> 2000 mg/kg	> 527 mg/m ³
Citric acid; C ₆ H ₈ O ₇	= 3 g/kg (Rat)	> 2000 mg/kg (Rat)	.?

See section 16 for terms and abbreviations

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

skin corrosion/irritation	Classification based on individual ingredients of the mixture.
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

Ecotoxicity

Ecotoxicity Do not allow product to enter the environment uncontrolled.

Unknown aquatic toxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic

environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Citric acid; C ₆ H ₈ O ₇	-	LC50: =1516mg/L (96h, <i>Lepomis macrochirus</i>)	-	-

Persistence and degradability**Persistence and Degradability:** no data available.**Bioaccumulative potential****Bioaccumulation** No information available.**Mobility****Mobility in soil** no data available.**Mobility** no data available.

Chemical name	Partition coefficient
Citric acid; C ₆ H ₈ O ₇	-1.72

Other adverse effects**Other adverse effects** No information available.**Section 13: DISPOSAL CONSIDERATIONS****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.**Section 14: TRANSPORT INFORMATION****ADG**

UN Number 1479
Proper shipping name Oxidizing solid, N.O.S (Potassium nitrate)
Hazard Class 5.1
Packing Group II
Special Provisions 274

IATA

UN number or ID number 1479
Proper shipping name: Oxidizing solid, N.O.S. (Potassium nitrate)
Transport hazard class(es) 5.1
Packing group II
Special Provisions A3

IMDG

UN number or ID number 1479
Proper shipping name: Oxidizing solid, N.O.S (Potassium nitrate)
Transport hazard class(es) 5.1
Packing group: II
EmS: F-A / S-Q
Special Provisions 223, 274, 900
Marine Pollutant: Not regulated

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



Hazchem code

1Y

Section 15: REGULATORY INFORMATION

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

National regulations

New Zealand:

Hazardous Substances Regulations

Not regulated

Australia

See section 8 for national exposure control parameters

International Inventories:

TSCA

This product complies with USINV

ENCS

This product complies with encs:

Australian Inventory of Chemical Substances

This product does not comply with AICS

Legend:

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

AICS - Australian Inventory of Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applied

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Section 16: ANY OTHER RELEVANT INFORMATION

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

Issue Date 14-Apr-2014

Revision Date 26-Jul-2021

Revision Note Not applied

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

ADG: Australian Dangerous Goods code

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.

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet