

SAFETY DATA SHEET

(in accordance with NZ EPA regulations)

G0180.- codafol K35 ACID

Version: 2

Revision date: 27/10/2021

Next revision date: 27/10/2026



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Print date: 11/11/2021

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: codafol K35 acid
Product Code: G0180.

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

Agriculture - For professional use only.

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **Sustainable Agro Solutions, S.A.U.**
Address: Ctra. N-240, Km.110
City: Almacelles
Province: Lleida
Telephone: 973 74 04 00
Fax: 973 74 14 89
E-mail: info@sas-agri.com
Web: www.sas-agri.com

1.4 Distributed by:

Company: **Seed & Field Services (SI) Ltd.**
Address: 17 Railway Terrace East
City: Rakaia
Country: New Zealand
Telephone: +64 3 302 7317

1.5 Emergency telephone number:

National Poisons Center (New Zealand): 0800 POISON (0800 764 766).

SECTION 2: HAZARDS IDENTIFICATION.

Not hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001.

Not classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land"

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Chemical Nature:

Ingredients determined to be non-hazardous.

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

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Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

No acute or delayed symptoms or effects identified.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

The product does not present any particular risk in case of fire.

5.1 Extinguishing media.

Recommended extinguishing methods.

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 PPE and Emergency Procedures.

Use personal protective equipment (PPE). Clean up spills immediately to prevent further accidents. In the event of a large spill, wear personal protective equipment as specified in Section 8. Clear area of all unprotected personnel.

6.2 Environmental precautions.

Prevent spilled material from entering drains/surface waters/groundwater.

6.3 Methods for cleaning up or taking up.

Sweep or shovel spilled material into suitable containers for reuse or disposal. Avoid generating dust.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

Observe good personal hygiene practices when handling this product. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not inhale dust.

7.2 Conditions for safe storage, including any incompatibilities.

Store locked up in a cool, dry, well-ventilated area out of direct sunlight. Keep the container closed. when not in use. Store away from incompatible materials as specified in Section 10

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

Exposure Standards

None established for this product.

Biological Limits

None allocated.

Engineering Controls

Use in a well ventilated area. If an inhalation risk exists, use mechanical exhaust ventilation. Maintain dust level below the recommended exposure standard for nuisance dust.

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PPE

Respiratory protection:

If the recommended technical measures are observed, no individual protection equipment is necessary.

Hand protection:

If the product is handled correctly, no individual protection equipment is necessary.

Eye protection:

If the product is handled correctly, no individual protection equipment is necessary.

Skin protection: Work footwear. This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people. Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Characteristic colour liquid.

Colour: burgundy red

Odour: Odourless

Odour threshold: N.A./N.A.

pH: 6,8

Melting point: N.A./N.A.

Boiling Point: N.A./N.A.

Flash point: N.A./N.A.

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): N.A./N.A.

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

Vapour pressure: N.A./N.A.

Vapour density: N.A./N.A.

Relative density: 1,46 g/cm³

Solubility: N.A./N.A.

Liposolubility: N.A./N.A.

Hydrosolubility: N.A./N.A.

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A.

Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

Explosive properties: N.A./N.A.

Oxidizing properties: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2. Other information.

Dropping point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product.

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Conditions to avoid.

Avoid any improper handling.

10.4 Incompatible materials.

Avoid contact with acids, bases and oxidizing agents.

10.5 Hazardous decomposition products.

No decomposition if used for the intended uses.

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SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

There are no tested data available on the product.

a) acute toxicity;
Not conclusive data for classification.

b) skin corrosion/irritation;
Not conclusive data for classification.

c) serious eye damage/irritation;
Not conclusive data for classification.

d) respiratory or skin sensitisation;
Not conclusive data for classification.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Not conclusive data for classification.

i) STOT-repeated exposure;
Not conclusive data for classification.

j) aspiration hazard;
Not conclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

No information is available regarding the bioaccumulation of the substances present.

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13 DISPOSAL CONSIDERATIONS.

Appropriate and achievable disposal methods, including for packaging must be consistent with the Act and the Disposal Notice and must include special precautions to be taken during disposal and any method of disposal that should not be used.

Disposal Methods

Dispose of at an approved waste site. Refer to waste management authority.

Legislation

Dispose of in accordance with relevant local legislation. Contact a specialist waste company or local regulator for advice.

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SECTION 14: TRANSPORT INFORMATION.

Road and Rail Transport:

Not Classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land"

Sea Transport

IMDG: Not classified as dangerous goods under transport regulations

Air Transport

IATA/ICAO: Not classified as dangerous goods under transport regulations

SECTION 15: REGULATORY INFORMATION.

Not hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001.

SECTION 16: OTHER INFORMATION.

Additional Information

This SDS was prepared on 27/10/2021 and is version 2.

Date for Next Review of SDS: 27/10/2026.

Key/Legend / Abbreviations (when used)

ACGIH – American Conference of Governmental Industrial Hygienists

ADG Code Australian Dangerous Goods

AICS Australian Inventory of Chemical Substances

CEN European Committee for Standardization

EN - European Standard

EU – European Commission

GHS - Globally Harmonized System of classification and labelling of chemicals

IATA - International Air Transport Association

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods Code

LD50 LD stands for Lethal Dose. LD50 is the amount of a substance, given all at once, which causes the death of 50% (one half) of a group of test animals.

HSNO- Hazardous Substances and New Organisms Act 1996

OECD - Organisation for Economic Co-operation and Development

PPE Personal Protective Equipment

REACH – Council on the Registration, Evaluation, Authorization and Restriction of Chemicals

TLV – Threshold Limit Values

TWA – Time-Weighted Average

Report Status

This document is based on the best available information on the date of issue and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for this product. While all due care has been taken to include accurate and up-to-date information, no warranty as to accuracy or completeness is provided. As far as lawfully possible, Sustainable Agro Solutions S.A. accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of reliance on the information contained in this Safety Data Sheet.

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