

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name Co-Pilot

Other means of identification

SDS# JC-048-108

Details of the supplier of the safety data sheet

Company Name Professional Ag Distribution Inc.
#1-6285-205st
Langley, B.C. Canada V2Y 1N7
604-427-3101

Emergency telephone number

Emergency Telephone Canutec 1-888-226-8832

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Oral	Category 4	H332
Skin Corrosion/Irritation	Category 1	H314

LABEL ELEMENTS

Signal word: DANGER

Hazard Statements: H314 – Causes severe skin burns and eye damage.

H332 – Harmful if inhaled.

Precautionary Statements: P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
(Prevention): P264 – Wash hands thoroughly after handling.

P280 – Wear protective gloves/protective clothing.

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 – Use only outdoors or in a well-ventilated area.

Precautionary Statement: P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

(Response): P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 – Wash contaminated clothing before reuse.

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 – Immediately call a poison centre/doctor/physician.

P321 – Specific treatment (see First Aid on the product label).

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 – Call a poison centre/doctor/physician if you feel unwell.

Precautionary Statement:

(Storage):

P405 – Store locked up.

Precautionary Statement:

(Disposal):

P501 – Dispose of contents in container at an approved waste disposal facility in accordance with all local/state/national regulations.



3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

Chemical Name:

Propionic Acid

Fatty Acid

CAS No.

79-09-4

61790-12-3

Inh., 4; H332

Skin Corr./Irrit.; 1; H314

Concentration

[%]

20.00

05.00

4. FIRST AID MEASURES

First aid measures

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	Any additional important symptoms and effects are described in Section 11: Toxicology Information.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No Information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation, especially in confined areas.
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Environmental precautions

Environmental precautions	See Section 12 for additional ecological information.
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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	Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters Propionic Acid (79-09-4) 10ppm / 8Hr 30mg/M3

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

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

Skin and body protection No special technical protective measures are necessary. Wear protective gloves and protective clothing if needed.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Fluid
Color Amber
Odor Pungent
Odor threshold No Information available

Property	Values	Remarks • Method
pH	3 - 4	
Specific Gravity	1.025	
Viscosity	No Information available	
Melting point/freezing point	No Information available	
Flash point	Above 200°F	
Boiling point / boiling range	>= 100 °F / 212 ° F (at 760 mm Hg)	
Evaporation rate	No Information available	
Flammability (solid, gas)	No data available	
Flammability Limits in Air		
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	No Information available	
Vapor density	No Information available	
Water solubility	Complete	
Partition coefficient	No Information available	

Autoignition temperature	No Information available
Decomposition temperature	No Information available

Other Information

Density Lbs/Gal	9.50
VOC Content (%)	Not Applicable

10. STABILITY AND REACTIVITY**Reactivity**

Stable

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong Oxidizers

Hazardous Decomposition Products

None known

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	No data available. Avoid breathing vapors or mists.
Eye contact	LC50 (rat): > 6.04 mg/L (4HR) – OECD Test guideline 403. LD50 Oral (rat): > 5,000 mg/kg LD50 Dermal (rabbit): > 5,000 mg/kg
Skin Contact	Prolonged or repeated contact may cause severe irritation.
Ingestion	No data available. Not an expected route of exposure. Do not taste or swallow.

Information on toxicological effects

Symptoms	No Information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Not a sensitizer
Germ cell mutagenicity	No Information available.
Carcinogenicity	No Information available.
Reproductive toxicity	No Information available.
STOT - single exposure	No Information available.
STOT - repeated exposure	No Information available.
Aspiration hazard	No Information available.

Numerical measures of toxicity - Product Information

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

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

ATEmix (oral) 31,375.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. This product is not intended for use in aquatic settings.

Oncorhynchus mykiss 130 mg/L – 96-hour LC50
 Oncorhynchus mykiss < 100 mg/L – 96-hour NOEC
 Lepomis macrochirus 210 mg/L – 96-hour LC50
 Lepomis macrochirus 100 mg/L – 96-hour NOEC
 Daphnia magna 190 mg/L – 48-hour EC50
 Daphnia magna 100 mg/L – 48-hour NOEC

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Other adverse effects

No Information available

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

DOT/TDG

LAND TRANSPORT:
 TDG/DOT Shipping Description: NOT REGULATED
 U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610;
 CLASS: 60)

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard No
Chronic Health Hazard No

Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

WHMIS Hazard Class

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Non-controlled

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties Yes
<u>HMIS</u>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Issue Date 04-Apr-2017
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Revision Note
 No Information available

Disclaimer

The information provided in this 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