



SECTION 1: Identification

Identification

Product form : Mixture
Trade name : Reata
Other means of identification : PCP# 35599

Recommended use and restrictions on use

Recommended use : Herbicide
Restrictions on use : All other uses not recommended above

Supplier

Nufarm Agriculture, Inc.
5101, 333 - 96th Ave NE
Calgary, Alberta T3K 0S3
Canada
www.nufarm.ca

Emergency telephone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free) / 703-527-3887 (Virginia, USA)
CCN 16105
For medical emergencies, ProPharma Group, 1-877-325-1840.
For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

GHS classification

Not classified

GHS Label elements, including precautionary statements

GHS labeling

No labeling applicable

Other hazards which do not result in classification

No additional information available

Unknown acute toxicity (GHS)

No additional information available

SECTION 3: Composition/Information on ingredients

Substances

Name	Product identifier	%
Flucarbazono Sodium	CAS-No.: 181274-17-9	9.79
Cloquintocet-Mexyl	CAS-No.: 99607-70-2	1.61

SECTION 4: First-aid measures

Description of first aid measures

- First-aid measures general : First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. Give artificial respiration if necessary. Induce artificial respiration with mask fitted with one-way valve or other suitable device but not mouth-to-mouth.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
- First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call a poison center/doctor/physician if you feel unwell.

Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : Dust, mists or vapors of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
- Symptoms/effects after skin contact : None under normal conditions.
- Symptoms/effects after eye contact : None under normal conditions.
- Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.
- Most Important Symptoms/Effects : To our knowledge, the product does not present any particular risk, under normal conditions of use.

Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

Specific hazards arising from the chemical

- Fire hazard : No fire hazard.
- Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Chlorine. Nitrous oxide. Sulphur oxides.

Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Protective equipment : Wear the recommended personal protective equipment.
- Emergency procedures : Evacuate the danger area. If outdoors, move to an area upwind of the danger area. If possible without taking personal risks, remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area.

For emergency responders

- Protective equipment : Wear the recommended personal protective equipment.

Emergency procedures : Evacuate personnel to a safe area. Ventilate spillage area.

Environmental precautions

Follow product instructions and best practices for use to avoid misapplications of the product. Do not negligently allow product to enter off-target drains, sewers, or ground water.

Methods and material for containment and cleaning up

For containment : Contain with non-combustible inert absorbent.
Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Decontaminate surfaces and equipment with water and detergent. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product.

Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Use only outdoors or in a well-ventilated area.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Keep cool. Protect from sunlight. Keep only in original container.

SECTION 8: Exposure controls/personal protection

Control parameters

No additional information available

Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation or process enclosure to keep the airborne concentrations below the permissible exposure limits.
Environmental exposure controls : Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

Individual protection measures/Personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment.

Hand protection:

Protective gloves made of : Nitrile rubber

Eye protection:

Safety glasses

Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	: Liquid.
Appearance	: Opaque.
Color	: Off-white
Odor	: Acidic
Odor threshold	: No data available
pH	: 6.2
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 87.3 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1.133 g/ml (20 °C)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 7674.9 mm ² /s (40 °C)
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

SECTION 10: Stability and reactivity

- Reactivity: : The product is non-reactive under normal conditions of use, storage and transport.
- Chemical stability : Stable under normal conditions of use.
- Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
- Conditions to avoid : Incompatible materials.
- Incompatible materials : Oxidizing agents. Strong acids. Strong bases.
- Hazardous decomposition products : Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Chlorine. Nitrogen oxides. Sulphur oxides.

SECTION 11: Toxicological information

Information on toxicological effects

- Acute toxicity (oral) : Not classified
- Acute toxicity (dermal) : Not classified
- Acute toxicity (inhalation) : Not classified

Reata	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rat	> 5000 mg/kg body weight
LC50 Inhalation - Rat	> 6.269 mg/l/4h

- Skin corrosion/irritation : Not irritating to rabbits on cutaneous application
pH: 6.2
- Serious eye damage/irritation : Not irritating to rabbits on ocular application
pH: 6.2
- Respiratory or skin sensitization : Not classified. Local Lymph Node Assay No sensitizing effects observed
- Germ cell mutagenicity : Not classified
- Carcinogenicity : Not classified
- Reproductive toxicity : Not classified
- STOT-single exposure : Not classified
- STOT-repeated exposure : Not classified
- Aspiration hazard : Not classified
- Viscosity, kinematic : 7674.9 mm²/s (40 °C)
- Symptoms/effects after inhalation : Dust, mists or vapors of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
- Symptoms/effects after skin contact : None under normal conditions.
- Symptoms/effects after eye contact : None under normal conditions.
- Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.
- Most Important Symptoms/Effects : To our knowledge, the product does not present any particular risk, under normal conditions of use.

SECTION 12: Ecological information

Toxicity

- Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

Disposal methods

- Regional waste regulation : Disposal must be done according to official regulations.
- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point. Refer to all applicable national, international and local regulations or provisions.
- Ecological information : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
UN number		
Not regulated	Not regulated	Not regulated
Proper Shipping Name		
Not regulated	Not regulated	Not regulated
Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
Packing group		
Not regulated	Not regulated	Not regulated
Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

Special precautions for user

TDG
Not regulated

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

Pest Control Products Act Registration Number: 35599

Read the approved label, authorized under the Pest Control Products Act, prior to using or handling the pest control product.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control product label:

(None)

WHMIS exempt.

SECTION 16: Other information

This Safety Data Sheet (SDS) is designed to comply with the Globally Harmonized System (GHS) of classification, and the Hazardous Products Regulations.

This SDS provides important health, safety and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use. The product labeling provides that information specifically for product use as intended.

Company and published information is used in the development of this SDS. The information herein is presented in good faith and believed accurate at the date of publication. However, no warranty, expressed or implied, is given.

Revisions to the last issue: New.

Issue Date: 2025-09-12 Supersedes Date: NA