



Safety Data Sheet

Preparation Date 10-May-2015

Revision date 11-Feb-2022

Revision Number: 7

1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the product

Product Description Tricor LQ

Other means of identification

Internal SDS code 12-33911CAN

Registration number(s) PMRA 33911

Recommended use of the chemical and restrictions on use

Recommended use Herbicide.

Uses advised against Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet

Supplier Address

UPL AgroSolutions Canada Inc.
c/o UPL NA Inc
630 Freedom Business Center, Suite 402,
King of Prussia, PA 19406

Emergency telephone number

Company Phone Number 1-800-438-6071

Emergency telephone number Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
Medical: Rocky Mountain Poison and Drug Safety (866) 673-6671 (24hrs)

2. Hazards Identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---|------------|
| Acute toxicity - Oral | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Aquatic Toxicity (Acute) | Category 1 |

Label elements

EMERGENCY OVERVIEW

WARNING

Hazard Statements

HARMFUL IF SWALLOWED

Harmful if inhaled

Toxic to aquatic life



Appearance suspension**Physical state** Viscous Liquid**Odor** faint**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 Do not eat, drink or smoke when using this product

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a POISON CENTER or doctor/physician
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
 Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)**OTHER INFORMATION**

- Very toxic to aquatic life with long lasting effects
- Very toxic to aquatic life

3. Composition/information on Ingredients

| Chemical name | CAS No | Weight-% |
|----------------------|------------|----------|
| Metribuzin technical | 21087-64-9 | 41 |
| Propylene Glycol | 57-55-6 | <15 |

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

| | |
|-----------------------------------|---|
| Eye contact | Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| Skin contact | Wash off immediately with plenty of water for at least 15 minutes. Call a poison control center or doctor for treatment advice. |
| Inhalation | Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately. |
| Ingestion | Immediate medical attention is not required. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician. |
| Protection of First-aiders | Use personal protective equipment. |

Most Important Symptoms and Effects, Both Acute and Delayed

Most Important Symptoms and Effects no data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician No information available.

5. Fire-fighting measures**Suitable extinguishing media**

Carbon dioxide (CO₂). Aquatic. Foam.

Unsuitable extinguishing media no data available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous combustion products Oxides of nitrogen. Oxides of carbon. Hydrogen cyanide.

Explosion data

Sensitivity to Mechanical Impact Not available.

Sensitivity to Static Discharge Not available.

Protective equipment and precautions for firefighters

Use personal protective equipment. 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**

Avoid contact with skin and eyes. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling. Stop leak if you can do it without risk. If not wearing an appropriate personal protective clothing, do not touch the damaged container and leakage. Wash clothing before reuse. Do not eat, drink or smoke when using this product.

Environmental Precautions**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Methods and material for containment and cleaning up**Methods for Clean-Up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. Handling and Storage**Precautions for safe handling****Handling**

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapours or spray mist. Provide adequate ventilation. Wash thoroughly after handling. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities**Storage**

Keep in a dry place. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labelled containers. Keep out of the reach of children.

incompatible materials

Strong oxidizing agents.

8. Exposure Controls/Personal Protection

Exposure guidelines

| Chemical name | ACGIH TLV | OSHA PEL |
|----------------------|--------------------------|------------------------------------|
| Metribuzin technical | TWA: 5 mg/m ³ | (vacated) TWA: 5 mg/m ³ |

Engineering controls Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Personal protective equipment

Eye/Face Protection

Use eye protection to avoid eye contact. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with side-shields.

Skin protection

Wear protective gloves/clothing. Socks and footwear.

Respiratory protection

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance suspension
Physical state Viscous Liquid
Odor faint
color Off-white to brown-gray

| Property | VALUES | Remarks/ Method |
|-------------------------------------|-----------------------------|--|
| pH | 7.37 | Approximately |
| Melting point/freezing point | 8.11 °C | None known |
| Boiling Point/Range | | None known |
| Flash Point | > 100 °C | None known |
| Evaporation Rate | | None known |
| Flammability (solid, gas) | | None known |
| Specific gravity | 1.16 g/cm ³ 20 c | None known |
| Bulk density | | None known |
| Water solubility | | Miscible with water |
| None known | | Solubility in Other Solvents No information available |
| None known | | Partition coefficient: n-octanol/water |
| None known | | Autoignition temperature |
| None known | | Decomposition temperature |
| None known | | Viscosity |

9.2 OTHER INFORMATION

10. Stability and Reactivity

Reactivity

no data available

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerisation does not occur.

Conditions to avoid

Sustained temperatures above 100 F.

incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon oxides. Amines. Methyl mercaptans.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information

LQ- 4F

Acute oral LD50 (rat) 1871 mg/kg

Acute dermal LD50 (rat) >2000 mg/kg No deaths

Acute inhalation LC50 (rat) >1.881 mg/L/4hr (aerosol) No deaths

Inhalation

Harmful if inhaled.

Eye contact

No known effect.

Skin contact

No known hazard in contact with skin.

Ingestion

HARMFUL IF SWALLOWED.

Information on Toxicological Effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

No sensitization responses were observed. (guinea pig).

Mutagenic effects

no data available.

Carcinogenicity

The information below indicates whether any agency has listed any ingredient as a carcinogen.

Reproductive effects

Not Available.

STOT - Single Exposure

no data available.

STOT - Repeated Exposure

no data available.

Target organ effects

liver, Central Nervous System (CNS), Thyroid.

Aspiration hazard

No information available.

Numerical Measures of Toxicity - Product information

LD50 Oral

> 1871 mg/kg (rat)

LD50 Dermal

> 2000 mg/kg (rat)

LC50 Inhalation

> 1.881 mg/l (rat) No deaths

12. Ecological Information

ecotoxicity

LQ- 4F
 FISH LC50 (rainbow trout) 74.6 mg/l 96hr
 AQUATIC INVERTEBRATES (Daphnia magna) 49.6 mg/l 48 hr
 AQUATIC PLANTS (Green Algae) 72 hr 0.022 mg/l

Persistence/Degradability

NOT READILY BIODEGRADABLE.

Bioaccumulation/ Accumulation

Does not bioaccumulate.

Other Adverse Effects

no data available

13. Disposal Considerations

Waste Treatment Methods

Waste Disposal Method

Pesticide wastes can be hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Contaminated packaging

Refer to product label.

14. Transport Information

DOT

When shipped domestically by highway in non-bulk containers this product can be shipped as not regulated.
 When shipped in bulk, by vessel, or internationally use the IMDG shipping description:

TDG

When shipped in Canada domestic highway non-bulk this product can be shipped as Not regulated as per TDG 1.45.1
 In bulk - use IMDG description

IATA

| | |
|-----------------------------|--|
| UN/ID no | UN3082 |
| Proper shipping name | Environmentally hazardous substances, liquid, n.o.s (Metribuzin) |
| Hazard class | 9 |
| Packing group | PG III |
| Description | Marine pollutant |

IMDG

| | |
|------------------------------|--|
| UN/ID no | UN3082 |
| Proper shipping name | Environmentally hazardous substances, liquid, n.o.s (metribuzin) |
| Hazard class | 9 |
| Packing group | PG III |
| EmS No. | F-A, S-A |
| Environmental hazards | Marine pollutant |

15. Regulatory Information

This chemical/product is a pesticide product registered by the PMRA and is subject to specific label requirements under these regulations. The requirements may differ classification and hazard information required for safety data sheets and for labels of non-pesticide products. The following is information as required on the registered product label.

signal word CAUTION

Harmful if swallowed or absorbed through the skin. Keep out of Reach of Children.

International Inventories

| | |
|---------------------------|-------------|
| USINV | Present |
| DSL/NDSL | Not present |
| EINECS/ ELINCS | Not Present |
| ENCS | Not Present |
| China | Present |
| KECL | Not Present |
| PICCS | Not Present |
| AICS | Not Present |
| TSCA | Not Present |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

CERCLA

Not applicable

CERCLA

SARA Product RQ 0

RCRA

Pesticide Information

| Component | FIFRA - Restricted Use | FIFRA - Pesticide Product Other Ingredients | FIFRA - Listing of Pesticide Chemicals | California Pesticides - Restricted Materials |
|---|------------------------|---|--|--|
| Metribuzin technical 21087-64-9 (41) | | | X | |
| Propylene Glycol 57-55-6 (<15) | | | X | |

State Regulations

State Right-to-Know

| Chemical name | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|--------------------------------------|---------------|------------|--------------|----------|--------------|
| Metribuzin technical - 21087-64-9 | X | X | X | | |
| Propylene Glycol - 57-55-6 | | X | X | | |

International regulationsU.S. EPA Label information

EPA Pesticide registration number PMRA 33911

| |
|------------------------------|
| 16. Other Information |
|------------------------------|

NFPA HEALTH 1 flammability 1 Instability 0 Physical hazard -

Preparation Date 10-May-2015

Revision date 11-Feb-2022

Revision Summary

Update company name

Disclaimer

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End of SDS