

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Product name : Metrik 915 EC

1.2. Other means of identification

Other means of identification : Pest Control Registration No. 35721

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Agricultural pesticide

1.4. Supplier's details

Manufacturer

Tide International Canada, Inc.
245 Hanlon Creek Boulevard, Unit 102
Guelph, Ontario,
N1C 0A1
T +1 866 699 7717
info@tide-canada.com

1.5. Emergency phone number

Emergency number : CHEMTREC 1-800-424-9300

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Skin sensitization, Category 1 May cause an allergic skin reaction.

2.2. GHS label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : May cause an allergic skin reaction

Precautionary statements (GHS CA) : Avoid breathing dust, fume, gas, mist, vapours, spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
IF ON SKIN: Wash with plenty of water.
Specific treatment (see supplemental first aid instruction on this label).
If skin irritation or rash occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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Supplementary information : Exempt - Registered product - (Pest Control Registration No. 35721).

This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II).

This restriction states that Part II does not apply in respect of the sale or importation of anything listed in Schedule 1 which includes any pest control product as defined in subsection 2(1) of the Pest Control Products Act, any explosive as defined in section 2 of the Explosives Act, any cosmetic, device, drug or food, as defined in section 2 of the Food and Drugs Act, any consumer product as defined in section 2 of the Canada Consumer Product Safety Act and any wood or product made of wood.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|
| S-Metolachlor | Acetamide, 2-chloro-N-(2-ethyl-6-methylphenyl)-N-[(1S)-2-methoxy-1-methylethyl]- / (S)-2-Chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide / Metolachlor-S / Reaction mass of (S)-2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)-acetamide (80-100 %) / 2-Chloro-N-(2-ethyl-6-methylphenyl)-N-[(S)-1-methoxypropan-2-yl]acetamide / s-metolachlor / (S)-2-Chloro-N-(2-ethyl-6-methylphenyl)-N-(1-methoxypropan-2-yl)acetamide / s-Metolachlor / 2-Chloro-2'-ethyl-N-[(1S)-2-methoxy-1-methylethyl]-6'-methylacetamide / (S)-2-Chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methyl-ethyl)-acetamide / .alpha.-METOLACHLOR | CAS-No.: 87392-12-9 | 915 g/L |

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| Name | Chemical name / Synonyms | Product identifier | % |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------|
| 2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl- | Benoxacor / CGA 154 281 / Ethanone, 2,2-dichloro-1-(2,3-dihydro-3-methyl-4H-1,4-benzoxazin-4-yl) / 2,2-Dichloro-1-(3-methyl-2,3-dihydro-4H-1,4-benzoxazin-4-yl)ethanone / (.+.-)-2,2-Dichloro-1-(3,4-dihydro-3-methyl-2H-1,4-benzoxazin-4-yl)ethanone / (.+.-)-4-(Dichloroacetyl)-3,4-dihydro-3-methyl-2H-1,4-benzoxazine / 2,2-Dichloro-1-[(3R)-3-methyl-3,4-dihydro-2H-1,4-benzoxazin-4-yl]ethan-1-one, 2,2-dichloro-1-[(3S)-3-methyl-3,4-dihydro-2H-1,4-benzoxazin-4-yl]ethan-1-one / BENOXACOR | CAS-No.: 98730-04-2 | 1 - 5 |

Comments : CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with the amended HPR as of December 2022. Active ingredient(s) are listed above

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

First-aid measures after skin contact : IF ON SKIN OR CLOTHING, take off contaminated clothing. Rinse skin IMMEDIATELY with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

First-aid measures after eye contact : IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

First-aid measures after ingestion : IF SWALLOWED, call a poison control centre or doctor IMMEDIATELY for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If vomiting occurs have person lean forward.

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). Medical personnel should be made aware of substance(s) involved and take measures for self protection. Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes. Keep out of the reach of children.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : Prolonged inhalation may be harmful.

Symptoms/effects after skin contact : Prolonged or repeated contact may dry skin and cause irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Direct contact with eyes may cause temporary irritation.

Symptoms/effects after ingestion : May cause stomach distress, nausea or vomiting.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : The active ingredient in this product, S-Metolachlor, has a high affinity for activated charcoal. A suspension of activated charcoal in water can be given to absorb the remaining toxicant. Symptoms may be delayed. Treat symptomatically.

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SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

- Suitable extinguishing media : Treat for surrounding material.
Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

5.2. Specific hazards arising from the chemical

- Fire hazard : During fire, gases hazardous to health may be formed. In case of fire or explosion do not breathe fumes.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : May include and are not limited to: oxides of carbon.

5.3. Special protective actions for fire-fighters

- Firefighting instructions : In case of fire: stop leak if safe to do so. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : In the event of a significant spillage : Notify authorities if product enters sewers or public waters. Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

- For containment : Stop leaks if it can be done without personal risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Clean contaminated surfaces with an excess of water.
Other information : This material and its container must be disposed of in a safe way, and as per local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Read the label before use. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing vapours, mist. Do not taste or swallow. Ensure good ventilation of the work station. Handle and open container with care.
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. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store away from foodstuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store away from incompatible materials (see Section 10 of the SDS).
Packaging materials : Always store product in container of same material as original container.

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SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection:

Wear suitable gloves resistant to chemical penetration

Eye protection:

Wear eye protection

Skin and body protection:

Wear suitable protective clothing. As required by employer code.

Respiratory protection:

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid

Appearance : No data available

Colour : Yellow

Odour : Odourless

Odour threshold : No data available

pH : 5.85

Relative evaporation rate (butylacetate=1) : No data available

Relative evaporation rate (ether=1) : No data available

Melting point : Not applicable

Freezing point : No data available

Boiling point : No data available

Flash point : 150 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20°C : No data available

Relative density : No data available

Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available

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| | |
|--------------------------|------------------------------------|
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : 42.94 mPa·s 20 °C (11.75 mPa °C) |
| Explosive properties | : Not explosive. |
| Oxidising properties | : Not oxidising. |
| Explosive limits | : No data available |
| Particle characteristics | : No data available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information 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. |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use. |
| Conditions to avoid | : Keep away from heat and direct sunlight. Do not mix with other chemicals. |
| Incompatible materials | : Strong oxidizing agents. |
| Hazardous decomposition products | : May include and are not limited to: oxides of carbon. |

SECTION 11 Toxicological information

11.1. Likely routes of exposure

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

| S-Metolachlor (87392-12-9) | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|
| LD50 oral rat | 2267 mg/kg (Source: NZ_CCID) |
| ATE CA (oral) | 2267 mg/kg bodyweight |
| 2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl- (98730-04-2) | |
| LD50 oral rat | > 5 g/kg (Source: ECHA) |
| LD50 dermal rabbit | > 2010 mg/kg (Source: ECHA_API) |
| LC50 Inhalation - Rat | > 2 g/m ³ (Exposure time: 4 h Source: NLM_CIP) |

| | |
|-------------------------------------|---------------------------------------------------------------------------------------------------------|
| Skin corrosion/irritation | : Not classified pH: 5.85 |
| Serious eye damage/irritation | : Not classified pH: 5.85 |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| 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 |
| Likely routes of exposure | : Skin and eyes contact. Ingestion. Inhalation. |
| Symptoms/effects after inhalation | : Prolonged inhalation may be harmful. |
| Symptoms/effects after skin contact | : Prolonged or repeated contact may dry skin and cause irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Direct contact with eyes may cause temporary irritation. |
| Symptoms/effects after ingestion | : May cause stomach distress, nausea or vomiting. |

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SECTION 12 Ecological information

12.1. Toxicity

Ecology - general : See below for route-specific details.
Hazardous to the aquatic environment, short-term (acute) : Not classified.
Hazardous to the aquatic environment, long-term (chronic) : Not classified.

12.2. Persistence and degradability

| Metrik 915 EC | |
|---------------------------------------------------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
| S-Metolachlor (87392-12-9) | |
| Persistence and degradability | Not rapidly degradable |
| 2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl- (98730-04-2) | |
| Persistence and degradability | Not rapidly degradable |

12.3. Bioaccumulative potential

| 2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl- (98730-04-2) | |
|---------------------------------------------------------------------------|--------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.6 (at 25 °C (at pH 7.7-7.9)) |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose of the material collected according to regulations.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling, disposal or collection. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14 Transport information

In accordance with TDG

| TDG | |
|--------------------------------------|---------------------------------------------------------------------|
| 14.1. UN Number | UN3082 |
| 14.2. UN Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (S-Metolachlor) |

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| TDG | |
|-------------------------------------------|------------------------------------------------------------------------------------|
| Transport document description | UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (S-Metolachlor), 9, III |
| 14.3. Transport hazard class(es) | 9 |
| |  |
| 14.4. Packing group, if applicable | III |
| 14.5. Environmental hazards | Dangerous for the environment: No |
| No supplementary information available | |

14.6. Special precautions for user

TDG

UN-No. (TDG) : UN3082
Excepted quantities (TDG) : E1

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

Exempt - Registered product - (Pest Control Registration No. 35721).

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. May irritate eyes. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation of vapours or spray mist. Do not contaminate food, feed, domestic or irrigation water supplies, lakes, streams and ponds.

RESTRICTED-ENTRY INTERVAL (REI): DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings. DO NOT apply by air.

CAUTION: DO NOT graze treated immature crops or cut for hay. In the case of corn, immature means before ear emergence. DO NOT harvest sweet corn within 45 days of application. DO NOT harvest other corn within 80 days of making a post-emergent application. Make only one application per season.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic plants and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

All components of this product are present on DSL, except for:

2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl- (98730-04-2)

Listed on the Canadian NDSL (Non-Domestic Substances List)

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SECTION 16 Other Information

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| Issue date | : 01/26/2026 |
| Revision date | : 02/17/2026 |
| Supersedes | : 01/26/2026 |
| Other information | : For an updated SDS, please contact the supplier or manufacturer listed on the first page of the document. |

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