# Safety Data Sheet
**according to WHS Regulations**

Date of issue: 14.05.2025 Revision date: 07.05.2025

## 1 Identification

**Product Name: ProForce Recondo 100 WG Herbicide**

**Recommended Use of the Chemical and Restriction on Use:** Agricultural herbicide

**Details of Manufacturer or Importer:**
Indigo Specialty Products
3/49 Donaldson Road
Rocklea QLD 4106

**Phone Number:** 0491 201 694

**Emergency telephone number:** 02 9389 2455

## 2 Hazard(s) Identification

**Hazardous Nature:**
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)


GHS05 Corrosion

Eye damage/irritation – Category 1 H318 Causes serious eye damage.


GHS07

Skin corrosion/irritation – Category 2 H315 Causes skin irritation.

**Signal Word** Danger

**Hazard Statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.

**Precautionary Statements**

| | |
|---|---|
| P264 | Wash thoroughly after handling. |
| P280 | Wear protective gloves / eye protection / face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor. |
| P321 | Specific treatment (see on this label). |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**
**Description:** Mixture of substances listed below with nonhazardous additions.

| **Hazardous Components:** | | |
|---|---|---|
| CAS: 577-11-7 | Docusate sodium<br>Eye damage/irritation – Category 1, H318; Skin corrosion/irritation – Category 2, H315 | <4.5% |

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| Non Hazardous Components: | | |
|---|---|---|
| CAS: 199119-58-9 | Trifloxysulfuron-sodium | 10.0% |

## 4 First Aid Measures

**General Information:**
Immediately remove any clothing soiled by the product.
No special measures required.

**Inhalation:**
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**
In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if symptoms occur.

**Ingestion:**
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**
Inhalation: No adverse health effects expected.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: No adverse health effects expected.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide.

**Specific Hazards Arising from the Chemical:**
This product is not flammable, but may burn or decompose in a fire releasing toxic decomposition products. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

**Special Protective Equipment and Precautions for Fire Fighters:**
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**
Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

**Environmental Precautions:**
In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Wash spill area with hard water detergent.

## 7 Handling and Storage

**Precautions for Safe Handling:**
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.
Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close

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proximity to points of potential exposure.

**Conditions for Safe Storage:**
Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use.

## 8 Exposure Controls and Personal Protection

**Exposure Standards:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**
Where an inhalation risk exists, wear approved particulate respirator (filter type P). At high dust levels, wear a powered air purifying respirator (PAPR) with P3 filter or an air-line respirator or a full-face P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**
Elbow length butyl, nitrile, neoprene, polyethylene, PVC, viton or natural rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.
Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**
Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and Chemical Properties

| | |
|---|---|
| **Appearance:** | |
| **Form:** | Granulate |
| **Colour:** | Light beige to brown |
| **Odour:** | Not determined |
| **Odour Threshold:** | No information available |
| **pH-Value:** | 8 - 12 (1% dilution) |
| **Melting point/freezing point:** | No information available |
| **Initial Boiling Point/Boiling Range:** | No information available |
| **Flash Point:** | No information available |
| **Flammability** | No information available |
| **Decomposition Temperature:** | No information available |
| **Explosion Limits:** | |
| **Lower:** | No information available |
| **Upper:** | No information available |
| **Vapour Pressure:** | No information available |
| **Relative Density:** | No information available |
| **Vapour Density:** | No information available |
| **Evaporation Rate:** | No information available |
| **Solubility in Water at 25 °C:** | 102.5 mg/l (Trifloxysulfuron-sodium) |
| **Partition Coefficient (n-octanol/water):** | No information available |
| **Solids content:** | 100.0 % |

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

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**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.

**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** No further relevant information available.

**Hazardous Decomposition Products:** Toxic decomposition products.

## 11 Toxicological Information

**Toxicity:**

| | | |
|---|---|---|
| **LD50/LC50 Values:** | | |
| **CAS: 577-11-7 Docusate sodium** | | |
| Oral | LD50 | 1,900 mg/kg (Rattus norvegicus (rat)) |
| | LD50 | >10,000 mg/kg (Oryctolagus cuniculus (rabbit)) |
| **CAS: 199119-58-9 Trifloxysulfuron-sodium** | | |
| Oral | LD50 | >5,000 mg/kg (Rattus norvegicus (rat)) |
| Dermal | LD50 | >2,000 mg/kg (Oryctolagus cuniculus (rabbit)) |
| Inhalation | LC50/4 h | 5.03 mg/l (Rattus norvegicus (rat)) |

**Acute Health Effects**
**Inhalation:** No adverse health effects expected.
**Skin:** May cause skin irritation.
**Eye:** Causes serious eye damage.
**Ingestion:** No adverse health effects expected.

**Skin Corrosion / Irritation:** Causes skin irritation.

**Serious Eye Damage / Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** Not expected to be a hazard.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**
Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**
Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:**
The Australian Acceptable Daily Intake (ADI) for trifloxysulfuron for a human is 0.2 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 15 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species.
(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2024)

## 12 Ecological Information

**Ecotoxicity:** LD50 14-day >2250 mg/kg (bobwhite quail)

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| | |
|---|---|
| **Aquatic toxicity:** | |
| **CAS: 577-11-7 Docusate sodium** | |
| EC50/48 h | 6.6 mg/l (Daphnia magna (water flea)) |
| EC50/96 h | >100 mg/l (Algae) |

**Persistence and Degradability:** Trifloxysulfuron-sodium is not persistent in soil or water.

**Bioaccumulative Potential:** No further relevant information available.

**Mobility in Soil:** Trifloxysulfuron-sodium is highly mobile in soil.

**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**
Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

**UN Number** Not regulated

**Proper Shipping Name** Not regulated

**Dangerous Goods Class** Not regulated

**Packing Group:** Not regulated

## 15 Regulatory Information

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**
Not Scheduled.
**Australian Pesticides and Veterinary Medicines Authority:**
This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA approval number 88827.

## 16 Other Information

**Date of Preparation or Last Revision:** 07.05.2025

**Prepared by:** MSDS.COM.AU Pty Ltd www.msds.com.au

**Abbreviations and acronyms:**
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2
Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1

**Disclaimer**
This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - June 2023”.
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