## Section 1 - Identification of the Material and Supplier

**Chemical nature:** Fertiliser with herbicide
**Trade Name:** **The Andersons OxaPro Herbicide and Fertiliser 15-2-8**
**Product Use:** Fertiliser and herbicide combination for use as described on the product label
**Supplier:** **Australian Agribusiness (Holdings) Pty Ltd**
**Suite 201, Level 2, 3 Rider Boulevard, Rhodes NSW 2138**
**Phone: 02 9395 1200 (office hours)**
**www.aus-ag.com.au**
**This version issued:** **January 2024** and is valid for 5 years from this date.
**Poisons Information Centre:** **Phone 13 1126 from anywhere in Australia**

## Section 2 - Hazards Identification

**Statement of Hazardous Nature**
**Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia (SWA).**
**Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) when transported in packages 500kg(L) or less; or IBC's but Classified as Dangerous Goods by IATA and IMDG/IMSBC when transported by Air or Sea transport. (See Section 14).**

**GHS Signal word: WARNING.**
Hazardous to the aquatic environment (acute) – category 1
Hazardous to the aquatic environment (chronic) – category 1
**Hazard Statements**
H410: Very toxic to aquatic life with long lasting effects.
**Precautionary Statements**
P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective glove/protective clothing/eye protection/face protection.
P353: Rinse skin with water/shower.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.
P402+P404: Store in a dry place. Store in a closed container.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 3 - Composition/Information on Ingredients

| *Ingredients* | *CAS No* | *%* |
|---|---|---|
| Oxadiazon | 19666-30-9 | 0.95 |
| Limestone | 1317-65-3 | 30-40 |
| Urea PSCU | 57-13-6 | 10-20 |
| Urea | 57-13-6 | 10-20 |
| Diammonium Phosphate | 7780-28-0 | 10-20 |
| Potassium Chloride | 7447-40-7 | 10-20 |

*This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.*

## Section 4 - First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical advice if breathing problems develop.
**Skin Contact:** In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical advice if irritation develops and persists.
**Eye Contact:** In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical advice if irritation persists.
**Ingestion:** If swallowed, do not induce vomiting. Give 1-2 glasses of water to drink in small sips. Never give anything by mouth to an unconscious person. Seek medical advice if feeling unwell.

**Symptoms Caused by Exposure:**
Inhalation: May cause respiratory irritation.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestions: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

## Section 5 - Fire Fighting Measures

**Specific Hazards Arising from the Chemical:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. This will only occur after heating to dryness**.** Product is not flammable. Hazardous combustion products include oxides of nitrogen, ammonia, sulphur compounds and various, unidentified, potentially toxic fumes. Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers. Minimise run-off from fire fighting entering drains or water courses.
**Suitable Extinguishing Media:** Use fire extinguishing media suited to surrounding conditions.
**Special Protective Equipment and Precautions for Fire Fighters:** When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## Section 6 - Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid dust generation.
**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:** Pick up large pieces and clean up small pieces and dusts with a vacuum or by a wet sweeping technique. Do not use compressed air. The label prevails if conflict between label and SDS.

## Section 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 before storage or re-use. Provide eye wash fountains and safety showers in close proximity to points of potential exposure. Check Section 8 of this SDS for details of personal protective measures.
**Conditions for Safe Storage:** Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents, acids, hypochlorites and alkalis.

## Section 8 - Exposure Controls and Personal Protection

***SWA Exposure Limits TWA (mg/m3) STEL (mg/m3) ADI (mg/Kg/day) NOEL (mg/Kg/day)***

*Exposure limits have not been set for any ingredients in product. The TWA (Time Weighted Average) exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. There is a blanket limit of 10mg/m$^3$ for dusts or mists when limits have not otherwise been established. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. Values taken from Australian ADI List, June 2013*

***Personal Protection***

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715 and 1716**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.
No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.
**Engineering Controls:** Natural ventilation should be adequate under normal use conditions.
**Eye and Face Protection:** Eye and face protectors for protection against dust. See above AS/NZS standards for more information.
**Skin Protection:** Skin protection is not required under normal use conditions. For prolonged or repeated contact, use protective gloves. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. See above AS/NZS standards for more information.
**Protective Material Types:** 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 above AS/NZS standards for more information.

**Respirator Protection:** Respiratory protection is not usually required under normal use conditions. Where an inhalation risk exists, wear approved particulate respirator (filter type P). See above AS/NZS standards for more information.
Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

## Section 9 - Physical and Chemical Properties:

| | |
|---|---|
| **Physical Description & colour**: | Multicoloured granules. |
| **Odour:** | Mild odour – may be pungent. |
| **Odour Threshold:** | No information available. |
| **pH-Value:** | No information available. |
| **Freezing Point/Melting Point:** | Approx. 133˚ (Urea). |
| **Initial Boiling Point/Boiling Range:** | No information available. |
| **Flash point:** | Not applicable. |
| **Flammability (solid, gas):** | Product is not flammable. |
| **Autoignition temperature:** | No information available. |
| **Decomposition Temperature:** | No information available. |
| **Explosion Limits:** | |
| **Lower:** | No information available. |
| **Upper:** | No information available. |
| **Vapour Pressure:** | No information available. |
| **Vapour Density:** | No information available. |
| **Density:** | approx 1.1 g/cm³. |
| **Solubility in Water:** | Disperses. |
| **Evaporation Rate:** | No information available. |
| **Partition Coefficient (n-octanol/water):** | No information available. |

## Section 10 - Stability and Reactivity

**Possibility of Hazardous Reactions:** No hazardous reactions known under conditions of normal use.
**Chemical Stability:** Stable at ambient temperatures and under normal conditions of storage and use.
**Conditions to Avoid:** Heat, sparks open flames and other sources of ignition.
**Incompatibilities:** Strong oxidising agents, acids, hypochlorites and alkalis.
**Hazardous Decomposition Products:** Oxides of nitrogen, ammonia, sulphur compounds and various, unidentified, potentially toxic fumes.
**Polymerisation:** This product is unlikely to undergo polymerisation processes.

## Section 11 - Toxicological Information

**Toxicity:**

**Acute Health Effects**
**Inhalation:** May cause respiratory irritation.
**Skin**: May cause skin irritation.
**Eye:** May cause eye irritation.
**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

**Skin Corrosion/Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage/Irritation:** Based on classification principles, the classification criteria are not met.

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

**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.

## Section 12 - Ecological Information

**Ecotoxicity:**

**Aquatic toxicity:** 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.

**Persistence and Degradability:** No data available on finished product.

**Bioaccumulative Potential:** No data available on finished product.

**Mobility in soil:** No data available on finished product.

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

## Section 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.

## Section 14 - Transport Information

**UN Number:** 3077.

**Proper Shipping Name:** ENVIRONMENTALLY HAZRDOUS SUBSTANCE, SOLID, N.O.S. (Oxadiazon mixture).

**Dangerous Goods Class:** Class 9 Miscellaneous Dangerous Goods shall not be loaded in the same vehicle or packed in the same freight container with Dangerous Goods of Class 1 (Explosives).

**Packing Group:** III

## Section 15 - Regulatory Information

**Australian Inventory of Industrial Chemicals:** All components are on the inventory or in compliance with the inventory.

**Standard for the Uniform Scheduling of Medicines and poisons (SUSMP) – Poison Schedule:** S6

## Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

**Acronyms:**

| | | | |
|---|---|---|---|
| **ADG Code** | Australian Code for the Transport of Dangerous Goods by Road and Rail | **IMDG** | International Maritime Dangerous Good |
| **AIIC** | Australian Inventory of Industrial Chemicals | **IMSBC** | International Maritime Solid Bulk Code |
| **CAS number** | Chemical Abstracts Service Registry Number | **NTP** | National Toxicology Program (USA) |
| **Hazchem Number** | Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters | **SUSMP** | Standard for the Uniform Scheduling of Medicines & Poisons |
| **IARC** | International Agency for Research on Cancer | **SWA** | Safe Work Australia (formerly ASCC and NOHSC) |
| **IATA** | International Air Transport Authority | **UN Number** | United Nations Number |

*THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.*

*IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS*

*OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.*

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (July 2020) and GHS Revision 7