



## Section 1 - Identification of Chemical Product and Company

**Product Name:** Lawnporn Charger  
**Other Means of Identification:** Mixture  
**Recommended Use of the Chemical and Restriction on Use:**  
Agricultural fertiliser for use as described on product label.  
**Details of manufacturer or Importer:**  
Lawnporn Pty Ltd  
32 Scoble Street  
Whyalla Norrie, SA 5608  
**Phone Number:** 0407 978 267 www.lawnpornonline.com  
**This Version Issued:** July 2024 and is valid for 5 years from this date  
**Emergency Telephone Number:** National Poisons Information Centre 13 1126

## Section 2 - Hazards Identification

### Hazardous Nature

**Not Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia.**

**Not Classified as Dangerous Goods according to the Australian Code for Transport of Dangerous Goods by Road and Rail (7<sup>th</sup> edition), IATA and IMDG/IMSBC.**

**GHS Signal word: NONE. Not hazardous.**

### Precautionary Statements:

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P281: Use personal protective equipment as required.
- P353: Rinse skin or shower with water.
- 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.
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations

## Section 3 - Composition/Information on Ingredients

**Chemical Characterisation: Liquid**

**Description: mixture of non-hazardous substances below into liquid form**

### Non-Hazardous Components:

CAS: 7732-18-15	Water	50 - 60%
CAS: 7782-63-0	Ferrous sulphate heptahydrate	15 - 20%
CAS: 7757-79-1	Potassium nitrate	10 - 15%
CAS: 57-13-6	Urea	5 - 10%
CAS: 10034-96-5	Manganese sulphate	1 - 5%
CAS: 7779-88-6	Zinc nitrate	<1%

*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 attention if breathing problems develop.

**Skin Contact:** In case of skin contact, wash affected areas with water and soap. Wash contaminated clothing before reuse. Seek medical attention if irritation occurs.

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**Eye Contact:** In case of eye contact, rinse with water for several minutes, including under eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If irritation occurs and persists, seek medical attention.

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

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Special Hazards Arising from the chemical:**

Hazardous decomposition products may include oxides of nitrogen, ammonia, sulphur compounds and various, unidentified, potentially toxic fumes.

Product is not flammable. Containers close to fire should only be removed if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

**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:**

Not a dangerous good and is not hazardous therefore no specific personal precautions or emergency procedures. Wear protective clothing if unsure.

**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 contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of. After spills, wash area preventing runoff from entering drains. Dispose of only in accordance with all regulations.

### Section 7 - Handling and Storage

**Precautions for Safe Handling:** Use of safe work practices are recommended to avoid eye or skin contact. 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 reuse. Provide eyewash fountains and safety showers in proximity to points of potential exposure

**Conditions for Safe Storage:** Store in a cool, dry and well-ventilated area. Ensure containers are labelled, protected from physical damage and sealed when not in use. Keep container tightly closed when not in use. Protect from heat, open flames.

### Section 8 - Exposure Controls and Personal Protection

**Exposure Standards:**

No specific exposure standards are available for this product.

**Exposure Limits TWA (mg/m<sup>3</sup>) STEL (mg/m<sup>3</sup>) ADI (mg/Kg/day) NOEL (mg/Kg/day)**

*Exposure limits have not been set for any ingredients in product. The TWA 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<sup>3</sup> 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, 31<sup>st</sup> March 2012*

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### 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: **AS2919**, Industrial Eye Protection: **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**Engineering Controls:** Natural ventilation should be adequate under normal use conditions.

**Respiratory Protection:** Respiratory protection is not required under normal use conditions. At high mist levels and where an inhalation risk exists, wear approved respirator. 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. See above AS/NZS standards 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 above AS/NZS standards for more information.

**Eye Protection:** Eye and face protectors against splashback is recommended when this product is being used. See above AS/NZS standards for more information.

## Section 9 - Physical and Chemical Properties:

### Appearance:

Form:	Translucent liquid
Colour:	Pale green
Odour:	Slight odour
Odour Threshold:	No information available
pH-Value:	5 - 6
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Point Range:	No data
Flash Point:	Not applicable
Flammability (solid, gas):	No information available
Auto-ignition 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
Specific Gravity:	1.0 @ 20°C
Solubility in Water:	Completely soluble
Partition Coefficient (n-octanol/water):	No information available

## Section 10 - Stability and Reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use

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

**Conditions to avoid:** Avoid exposure to heat, open flames.

**Incompatible materials:** None known.

**Hazardous Decomposition Products:** May include oxides of nitrogen, ammonia, sulphur compounds and various, unidentified, potentially toxic fumes.



## Section 11 - Toxicological Information

### Toxicity:

#### Acute Health Effects

**Inhalation:** May cause irritation of respiratory tract.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Ingestions:** 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:

Must not be disposed together with household garbage. Do not allow product to reach sewage system. 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** Not regulated.

**Proper Shipping Name** Not regulated.

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Dangerous Goods Class Not regulated.  
Packing Group Not regulated.

### 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:

Not a scheduled poison.

### Section 16 - Other Information

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

#### Acronyms:

<b>ADG</b>	Australian Dangerous Goods	<b>LC50</b>	Lethal concentration, 50 percent
<b>IMDG</b>	International Maritime Dangerous Good	<b>LD50</b>	Lethal dose, 50 percent
<b>IATA</b>	International Air Transport Authority	<b>STOT</b>	Specific Target Organ Toxicity
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemicals	<b>NES:</b>	National Exposure Standard (Safe Works Australia – Workplace Exposure Standards for Airborne Contaminants)
<b>IARC</b>	International Agency for Research on Cancer	<b>TWA</b>	Time Weighted Average
<b>CAS number</b>	Chemical Abstracts Service Registry Number	<b>UN Number</b>	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

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