


1. IDENTIFICATION	
Product Name:	uPRO Orange
Product Code :	Supp-DIT-uProO-L60
Description:	Soluble feed additive for livestock drinking water. L60 (per litre)
Contact Details of Manufacturer	
Direct Injection Systems Pty Ltd	1300 123 348
PO Box 2822, Toowoomba	
2. HAZARD(S) IDENTIFICATION	
Poisons Schedule (Aust)	Not Scheduled
Globally Harmonised System	
Hazard classification	Skin Corrosion/Irritant – Category 1B
Signal word	Danger
Hazard Statements	H314 Causes severe skin burns and eye damage.
Precautionary Statements	P280 Wear protective gloves/protective clothing/eye protection/face protection.
	
3. PRODUCT INFORMATION	
Chemical characterisation	Powdered multi-mixture preparation.
Hazardous Ingredient(s)	Urea phosphate (other ingredients non-hazardous).
4. FIRST AID MEASURES	
Swallowed	Rinse mouth and drink plenty of water, do NOT induce vomiting.
Eye	Flush with running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin	Remove/take off immediately all contaminated clothing. Rinse skin with running water for at least 15 minutes.
Inhaled	Remove victim to fresh air and keep at rest in position comfortable for breathing. If resuscitation required do not use direct mouth-to-mouth method.
Advice to Doctor	Immediately call POISON CENTER or doctor. Treat symptomatically.
5. FIREFIGHTING MEASURES	
General Measures	If safe to do so, move undamaged containers from fire area.
Flammability Conditions	Non-flammable.
Extinguishing Media	Suitable: water, carbon dioxide, foam, dry powder. Unsuitable: high volume water jet.
Fire and Explosion hazard	No information.
Hazards Products of Combustion	Fire or heat will produce irritating, toxic and/or corrosive gases including ammonia, nitrogen oxides, sulphur oxides, carbon dioxide, carbon monoxide, phosphorus oxides, hydrocarbons.
Special Fire Fighting Instructions	Contain runoff from fire control or dilution water – water may pollute waterways.

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Personal Protective Equipment	Wear self-contained breathing apparatus (SCBA) in combination with full fire kit clothing.
Flash Point	No data available.
Lower Explosion Limit	No data available.
Upper Explosion Limit	No data available.
Auto Ignition Temperature	>133°C
Hazchem Code	2X
6. ACCIDENTAL RELEASE MEASURES	
General Response	Ensure adequate ventilation.
Clean up Procedures	Absorb spill with an inert material (eg. Dry sand, earth, cloth) and place into designated, labelled waste container. Neutralise spill area and washings with soda ash or lime. Dispose of via licensed contractor.
Containment	Prevent entry into waterways or drains.
Environmental Precautionary Measures	Do NOT let product reach drains or waterways. Advise Environmental Protection Authority or local Waste Management.
7. HANDLING AND STORAGE	
Handling	Ensure eye bath and safety shower available and ready for use. Provide adequate ventilation. Wear personal protective equipment (section 8).
Storage	Store in a cool, dry, well-ventilated area. Keep containers tightly closed. Store away from incompatible materials (section 10).
Container	Keep in original container. Empty containers retain product residue and can be hazardous.
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
General	Workers DNEL: Inhalation (repeated dose) 2.92mg/m ³ .
Engineering Measures	Dust exhaust measures to reduce dust exposure.
Personal Protection Equipment	P1 mask for respiratory protection. Safety glasses for eye protection. Protective gloves and long sleeves recommended for skin protection.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Liquid
Odour	Odourless
Colour	Clear (if no orange dye added)
pH	2.0 – 3.0
Reactions that Release Gases or Vapours	Fire or heat will produce irritating, toxic, and/or corrosive gases.
10. STABILITY AND REACTIVITY	
General Information	Corrosion to metals (non-ferrous, magnesium, aluminium).
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Avoid oxidising materials and excessive temperatures.
Materials to Avoid	Nitrites, strong bases, strong oxidising agents.
Hazardous Decomposition Products	May evolve toxic gases when heated to decomposition.

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11. TOXICOLOGICAL INFORMATION	
General	Irritant and corrosive effects.
Eye Irritant	Causes burns to eyes. Symptoms may include redness, pain, blurred vision, eye burns and permanent eye damage.
Inhalation	Causes burns to the respiratory tract. Symptoms may include irritation to the nose, throat and upper respiratory tract.
Skin Irritant	Causes burns to skin. May cause redness, pain, blisters and severe skin burns.
Ingestion	Causes burns to the gastrointestinal tract. Symptoms may include severe burns of the mouth, throat and stomach. May cause nausea and vomiting.
Carcinogen Category	No Data Available.
12. ECOLOGICAL INFORMATION	
Ecotoxicity	Aquatic toxicity as per urea phosphate.
Persistence/Degradability	No information available.
Mobility	No information available.
Environmental Fate	Do NOT let product reach waterways, drains and sewers. Lowers pH.
Bioaccumulation Potential	No information available.
Environmental Impact	No information available.
13. DISPOSAL CONSIDERATIONS	
General	Dispose of contents/containers in accordance with regulations.
Special Precautions for Land Fill	Contact local waste regulator for advice.
14. TRANSPORT INFORMATION	
Dangerous Goods Classification	Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).
Class	8 Corrosive Substances
UN No.	1759 (raw material urea phosphate)
15. REGULATORY INFORMATION	
Poisons Schedule (Aust)	Not scheduled.
16. OTHER	
Revision Number	1
Revision Date	04.11.2020
<p>The information contained in the Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product. The information in this sheet does not represent analytical specifications.</p>	

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