

# Safety Data Sheet



Makers of Fine Paint Since 1962

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER



Product Name: **189 Fluro Liquid Suspension Concentrate**  
Product Code: 189  
Recommended Use: Agriculture (tracing additive for spray testing).  
Supplier: Topline Paint Pty Ltd t/as Shipway Spescoat  
ABN: 65 007 626 191  
Street Address: 33 Aldershot Road Lonsdale SA 5160 Australia  
Telephone Number: +61 8 8384 1188  
Facsimile: +61 8 8326 1824  
Email: info@toplinepaint.com.au



## 2. HAZARDS IDENTIFICATION

This material is non-hazardous according to criteria of Safe Work Australia; NON HAZARDOUS SUBSTANCE.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; NOT DANGEROUS GOODS.

<b>Signal Word (s):</b>	<b>None</b>
<b>Classification of the substance or Mixture:</b>	<b>None</b>
<b>Hazard Statement (s):</b>	<b>None</b>
<b>Pictograms:</b>	 
<b>Precautionary Statement Prevention:</b>	P233 Keep container tightly closed. P281 Use personal protective equipment as required.
<b>Precautionary Statement Response:</b>	<b>None</b>
<b>Precautionary Statement Storage:</b>	<b>None</b>
<b>Precautionary Statement Disposal:</b>	P501 Dispose of contents / container in according to local regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Fluorescent pigment (US FDA approved)	Proprietary	50%
Water	7732-18-5	45%
Ingredients determined not to be hazardous		To 100%

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre 131 126 or a doctor.

**Inhalation:** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have a qualified person give oxygen through facemask if breathing is difficult. Seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing. Wash affected areas with copious amounts of soap and water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention.

**Eye Contact:** If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops, seek medical attention.

**Ingestion:** DO NOT induce vomiting. Immediately wash mouth out with water. Seek immediate medical attention.

**Further Medical Treatment:** Symptomatic treatment and supportive therapy as indicated.

## 5. FIRE FIGHTING MEASURES

Not classed as flammable. If involved in a fire, it may emit noxious and toxic fumes.

**Extinguishing media:** Use extinguishing media suitable for surrounding area.

**Fire Fighting:** Wear breathing apparatus plus protective gloves for fire only. Prevent, by any means available, spillage from entering drains or watercourses. Cool fire exposed containers with water spray from a protected location. DO NOT approach containers suspected to be hot. Use fire fighting procedures suitable for surrounding area.

**Fire/Explosion Hazard:** This material is not readily combustible under normal conditions. However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers. Decomposes on heating and may produce toxic fumes of carbon monoxide. May emit acid smoke.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimize exposure. If possible contain the spill.

**Methods and materials for containment and clean up:** Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

**Conditions for safe storage:** Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be cleaned separately. Use in a well ventilated area.

**Precautions for safe handling:** Store in original containers. Keep containers securely sealed. Store in a cool, dry, well ventilated area. DO NOT allow freeze. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC). However, all exposure should be kept to the least possible levels as over-exposure to any chemical may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions. Exposure standards for individual constituents are listed above.

**Engineering controls:** Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use. Vapour heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is recommended.

### Personal Protective Equipment:

**Respiratory Protection:** Avoid breathing of vapours/mists. Where ventilation is inadequate and vapours/mists are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715- Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716- Respiratory Protective Devices.

**Eye Protection:** Chemical safety glasses or face shield recommended as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.

**Hand Protection:** General protective gloves recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

**Other Information:** Biological Limit Values: No biological limit allocated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Milky liquid	<b>Volatile Component</b>	35-40% w/w
<b>Decomposition Temperature</b>	Not available	<b>Melting Point</b>	Not available
<b>Boiling Point</b>	100°C water	<b>Vapour Pressure</b>	As for Water
<b>Flammability</b>		<b>Flash Point</b>	Non Flammable
<b>Specific Gravity</b>	1.1	<b>Solubility in Water</b>	Soluble
<b>Viscosity</b>	Not available	<b>Flammable Limits LEL</b>	Not applicable
<b>Evaporation Rate</b>	As for Water	<b>Flammable Limits UEL</b>	Not applicable
<b>Ignition Temperature</b>	Not applicable	<b>pH Value</b>	8-10

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of storage and handling.

**Conditions to avoid:** Avoid exposure to heat.

**Incompatible materials:** Strong oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** This liquid is discomforting and may be harmful if swallowed. Ingestion may result in nausea, abdominal irritation, pain and vomiting.

**Eye contact:** The liquid may produce eye discomfort and is capable of causing temporary impairment of vision and/or transient eye inflammation, ulceration.

**Skin contact:** The liquid is mildly discomforting to the skin and is capable of causing skin reactions which may lead to dermatitis.

**Inhalation:** The vapour/mist is mildly discomforting to the upper respiratory tract.

**Long Term Effects:** Prolonged and repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. As with any chemical product, contact with unprotected bare skin: inhalation of vapour, mist or dust in work place atmosphere: or ingestion in any form, should be avoided by observing good occupational work practice.

**Toxicological Data:** No toxicology data is available for this product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data is available for this material.

**Persistence degradability and mobility:** No data is available for this material.

**Aquatic toxicity:** No data is available for this material.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Refer to State Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport** Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; NOT DANGEROUS GOODS.

<b>UN No:</b>	None allocated.	<b>ADG Packaging Method:</b>	None allocated.
<b>Class-primary:</b>	None allocated.	<b>ADG EPG Number:</b>	None allocated.
<b>Packing Group:</b>	None allocated.	<b>ADG IERG Number:</b>	None allocated.
<b>Proper Shipping Name:</b>	None allocated.		
<b>Hazchem Code:</b>	None allocated.		

## 15. REGULATORY INFORMATION

**Classification:** This material is non-hazardous according to criteria of Safe Work Australia; NON HAZARDOUS SUBSTANCE.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Topline Paint Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. Persons dealing with the products to which this information refers do so entirely at their own risk. Topline Paint Pty. Ltd. will accept no responsibility what so ever for the consequences of the use or misuse of this product.