

Product Data Sheet

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Makers of Fine Paint Since 1962

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189 Leaf Check Dye Solution

USE	THINNER/CLEAN	APPLICATION	RE-COAT	HAZARD	OTHER
	 Water				

An ideal product to determine spray coverage and dose on plant foliage, off target contamination, and the extent of contamination of equipment and personnel, with agricultural sprayers.

USES: Resin based fluorescent pigments are ideal for determining the efficiency of spray coverage and chemical dose on plant foliage.

They are also ideal for studying off target deposits such as run off onto soil and spray drift onto non target foliage, and the contamination of tractors, implements, protective clothing and personnel. 189 Leaf Check Dye Solution is stable in sunlight and under ultra violet (UV- A) illumination, unlike water soluble fluorescein type products, in which fluorescence degrades rapidly.

SURFACE PREPARATION: No surface preparation required.

APPLICATION: Shake or stir thoroughly until product is uniform. Formulation of 189 Leaf Check Dye Solution is similar to typical agricultural chemical suspension concentrates, and they mix easily with water with no pre mixing. Simply measure out the required spray volume and pour directly into the spray vat. They do not have the problems of difficult pre-mixing, suspension and blocking of spray lines, filters and nozzles commonly experienced with dry powder forms of fluorescent pigments.

THINNING: For spray coverage and dose determinations, deposits are assessed on natural foliage surfaces. Problems with reduced impaction efficiency, which may occur on smooth artificial targets and finding and retrieving them following spraying. Similarly, spray deposits can also be examined on non target surfaces such as clothing, skin and implements.

CLEAN UP: Following spraying, deposits are easily removed from equipment with a hose or damp cloth, provided they are not left to dry and harden.

COLOUR: Yellow & Pink.

PACK SIZES: 4 Litre & 1 Litre.

PIGMENT TYPE: Special Fluorescent Pigments. **Lead free and Non Radioactive.**

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.



Quality
ISO 9001

SAI GLOBAL



189 Leaf Check Dye Solution

PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Safety Data Sheet on this product. If you are unsure if you have an SDS on this product please contact Topline Paint and one will be provided.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. **DO NOT** pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes