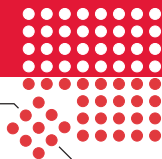


January 2006



# All Clear™ Extra

Sprayer Cleaner



## Product Manual Insert

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™ DuPont trademark

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## **Important changes since last printing**

Additional safety information.

## **Formulation**

A balanced liquid formulation containing sequestrants and surfactants.

## **Use Rate**

0.5% concentration (0.5 litre/100 litres of water).

## **Groundwater Regulations**

Spray tank washings containing ALL CLEAR™ EXTRA may be sprayed back onto the treated crop without authorisation.

## **Pack**

5 litre, 4 per outer.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## General Information

ALL CLEAR™ EXTRA is a specially formulated liquid sprayer cleaner which removes pesticide deposits and other debris, including oily substances, from tanks, booms, hoses, filters and nozzles. To avoid subsequent damage to other crops, all traces of herbicides must be removed from spraying equipment immediately after spraying.

ALL CLEAR™ EXTRA removes traces of carfentrazone-ethyl, flupyr-sulfuron-methyl, metsulfuron-methyl, rimsulfuron, thifensulfuron-methyl, tribenuron-methyl and triflusulfuron-methyl in the DuPont herbicide range.

SX formulations of DuPont sulfonylureas do not require ALL CLEAR™ EXTRA in order to be removed from the tank (see product labels). However, DuPont continues to promote ALL CLEAR™ EXTRA as part of a standard washout procedure for the effective maintenance of sprayers.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## Sprayer decontamination - general notes on best practice

- Always start with a clean sprayer – if in doubt, clean it out. ALL CLEAR™ EXTRA removes pesticide deposits and other debris, including oily substances, from tanks, booms, hoses, filters and nozzles.
- Ensure sprayer is maintained in good working order and is regularly checked under the NST Scheme.
- Always follow product labels paying particular attention to :-
  - Compatibility guidance and mixing order.
  - Specific washout requirements.
  - Ensure sprayer is thoroughly cleaned when moving between crops.

## Rate of use

Washing Volume	ALL CLEAR™ EXTRA Quantity
100 litre	0.5 litres
250 litre	1.25 litres
500 litre	2.5 litres
1000 litre	5.0 litres
1500 litre	7.5 litres
2000 litre	10.0 litres
2500 litre	12.5 litres

# All Clear™ Extra

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## Three recommendations of use are now available

– two for traditional ALS herbicides and one for SX PRODUCTS.

## Full tank wash-out procedure for traditional ALS products

1. Immediately after spraying, drain tank completely. Wash any contamination off the outside of the sprayer with clean water.
2. Rinse inside of tank with clean water and flush at least one tenth of the spray tank volume through the boom and hoses. Drain tank completely.
3. Half fill the tank with clean water and add the correct quantity of ALL CLEAR™ EXTRA. Agitate and then flush the boom and hoses with the solution. Top up completely with water and allow to stand for 15 minutes with agitation. Again flush the boom and hoses and drain tank completely. (If it is not possible to drain tank completely, repeat step 3 before going on).
4. Remove nozzles and filters and soak in a bucket containing 50ml of ALL CLEAR™ EXTRA per 10 litres water.
5. Rinse tank again with clean water and flush at least one tenth of the tank volume through the boom and hoses. Drain tank completely.
6. For disposal of washings, follow Code of Practice for the Safe Use of Pesticides on Farms and Holdings. Do not spray onto sensitive crops or land intended for imminent planting with sensitive crops.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## Reduced volume wash-out for traditional ALS products using tank-wash nozzles

- 1: First spray out as much as possible of the residual solution from the tank.
- 2: Rinse the inside of the tank with clean water and flush out at least one tenth of the spray tank volume through the boom and hoses. (If the sprayer is fitted with a separate clean water tank this initial flush can be performed in the field and the dilute washings sprayed onto untreated areas of the target crop). Drain the tank and pipework as much as possible. Wash down the outside of the equipment to remove any contamination.
- 3: Fill the tank with a small volume of clean water and add ALL CLEAR™ EXTRA at the recommended rate. The amount of water should be at least 10% of the spray tank volume but on wide-boom machines a larger volume may be needed because of the greater hose capacity. For 24m booms do not use less than 120 litres.

Start the tank wash nozzles. Open spray valves and operate until spray lines are full of cleaning solution (remember that it will take several seconds for the cleaning solution to reach the furthest nozzle). Close spray valves and recirculate the cleaning solution through the TWNs for 10-15 minutes.

- 4: Flush the boom and hoses and drain the system as much as possible.

## **Reduced volume wash-out for traditional ALS products using tank-wash nozzles (continued)**

- 5: Remove nozzles and filters and soak in a bucket containing 50ml ALL CLEAR™ EXTRA per 10 litres water.
- 6: Repeat steps 3 and 4.
- 7: Rinse tank again with clean water and flush at least one tenth of the tank volume through the booms and hoses. Turn off the boom and recirculate the water through the TWN for 10-15 minutes. Spray out as much as possible and drain the system.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## SX product wash-out procedure

SX formulations of DuPont sulfonylureas do not require ALL CLEAR™ EXTRA in order to be removed from the tank (see product labels). However, DuPont continues to promote ALL CLEAR™ EXTRA as part of a standard washout procedure for the effective maintenance of sprayers.

1. Immediately after spraying, drain tank completely. Wash any contamination off the outside of the sprayer with clean water.
2. Thoroughly and completely rinse all interior tank surfaces (including lid) with water (use at least 10% of the tank capacity), taking care to remove any visible deposits.
  - Remove in-line strainers, nozzle tips and screens and clean these parts separately.
  - Flush pump, filters and boom (ensure there is sufficient pressure to wash through).
  - Drain the remainder of the rinsate from the tank.
3. Repeat the rinse, flush and drain.

DuPont still advocate good sprayer hygiene and still recommend ALL CLEAR™ EXTRA for ensuring sprayers are clean of **all** chemical residues. When ALL CLEAR™ EXTRA is used during the SX washout procedure, it should be added at 0.5% of washout volume in step 1 above. This does not replace the full washout procedure recommended for non-SX ALS herbicides.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## Warning

- KEEP FROM FREEZING.
- AVOID PROLONGED CONTACT OF CONCENTRATE WITH METAL SPRAYER PARTS.  
Undiluted ALL CLEAR™ EXTRA is not to be used on aluminium alloys, zinc or galvanised surfaces.
- DO NOT MIX ANY BLEACH OR CHLORINATING AGENT INCLUDING ALL CLEAR™ WITH ALL CLEAR™ EXTRA AS TOXIC GASES MAY BE LIBERATED.
- IRRITATING TO EYES, SKIN AND RESPIRATORY SYSTEM.
- CONTACT WITH ACIDS LIBERATES TOXIC GAS.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

## Safety Precautions

### Operator protection

- WEAR SUITABLE GLOVES AND EYE / FACE PROTECTION.
- IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
- WASH ANY CONTAMINATION FROM SKIN IMMEDIATELY.
- WHEN USING DO NOT EAT, DRINK OR SMOKE.
- In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

### Storage and disposal

- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- KEEP OUT OF REACH OF CHILDREN.
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place, away from damp.
- EMPTY CONTAINER COMPLETELY and dispose of safely.

# All Clear™ Extra

Sprayer Cleaner and Decontaminant

DPD Regulations (CHIP 3).

## ALL CLEAR™ EXTRA



**IRRITANT**

**IRRITATING TO  
EYES AND SKIN.**

**For use only as a sprayer cleaner and  
decontaminant.**

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

### **In case of emergency**

For assistance on transport, storage or handling incidents, contact DuPont Emergency Response Centre, telephone: (08456) 006640.

For medical emergencies, contact the National Poisons Information Service, telephone: 0870 600 6266.

All Clear Extra is a DuPont product.

All manufacturers trademarks are duly acknowledged.

Always read the label. Use pesticides safely.

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