

DANGER

KEEP OUT OF REACH OF CHILDREN



LUCID® IS A BALANCED LIQUID FORMULATION CONTAINING SEQUESTRANTS, SURFACTANTS AND DETERGENTS (contains 100–300 g/L alcohol ethoxylated (C9-C11), up to 100 g/L benzenesulfonic acid C10-13 alkyl derivs, sodium salts, up to 100 g/L alcohols C12-C14 ethoxylated sulphate sodium salt, and up to 100 g/L potassium hydroxide)

To remove spray deposits and other debris, including oily substances from tanks, hoses, booms, transfer and mixing systems, filters, screens and nozzles.

Net Contents 5 L

Distributed by:

AgNova Technologies NZ Ltd

NZBN 9429051482688

PO Box 301488, Albany

Auckland 0752 New Zealand

Phone 0800 500 599

Email info@agnova.co.nz

agnova.co.nz

In a transport emergency dial 111, Police or Fire Brigade.
For specialist advice in an emergency only, call
CHEMCALL 0800 243 622 (24 hours).



PLEASE READ THE LABEL COMPLETELY BEFORE USE

Hazard Classifications:

Skin irritant Category 2, Serious eye damage Category 1.



TOXICITY

Causes skin irritation.

Causes serious eye damage.

PRECAUTIONS

PERSONAL PROTECTION

Avoid skin and eye contact.

Wear protective gloves/face and eye protection/protective clothing/protective footwear.

Remove protective clothing and wash hands and face thoroughly before rest breaks or meals and after work.

Wash personal protection clothing and equipment before re-use.

STORAGE

Store in the closed, original container in a secure dry, cool, well-ventilated area, away from food stuffs, animal feed and seeds and direct sunlight.

Do not allow product to freeze.

SPILLAGE

When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with an inert absorbent material (e.g. sand or soil) then transfer the recovered spilt material to a properly labelled drum that can be closed. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

DISPOSAL

Avoid contamination of any water supply with product or empty container.

Product Disposal: Dispose of this product only by using according to the label or at an approved landfill.

Container Disposal: Triple rinse container and use residue to prepare cleaning solution. Take rinsed container to an Agrecovery collection site or crush and bury in approved landfill.

FIRST AID

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. Have product label or container at hand.

If swallowed do NOT induce vomiting. Rinse mouth. Get medical advice.

If skin contact occurs, remove contaminated clothing and wash skin with running water. Do NOT scrub the skin. If skin irritation occurs get medical advice.

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

SAFETY DATA SHEET

If additional hazard information is required refer to the Safety Data Sheet available from your supplier.

GENERAL INFORMATION

LUCID is used to clean and decontaminate spray equipment, tanks, spray lines, transfer pumps, flushing or pre-mixing tanks. This is particularly important when switching from one herbicide to another, or a herbicide to a fungicide, fertiliser or insecticide, and at the end of season sprayer clean down. It is also used for general purpose cleaning, such as cleaning the outside of tractors, sprayers and other agricultural equipment.

LUCID was developed to handle difficult-to-remove agricultural chemicals, including formulations of aminopyralid, carfentrazone-ethyl, clopyralid, saflufenacil, sulfonyleureas (e.g. chlorsulfuron, flazasulfuron, iodosulfuron, metsulfuron), trifluralin and oily and sticky formulations.

DIRECTIONS FOR USE

USE RATE

Removal of residues and decontamination of spray equipment	250 mL / 100 L water
General purpose cleaning only (not decontamination)	125 mL / 100 L water

DECONTAMINATION PROCEDURE

1. Immediately after spraying, drain all equipment including tank, hoses and booms completely. Any contamination on the outside of spraying equipment should be removed by washing down with a fresh solution of LUCID at the rate of 12.5 mL / 10 L water or equivalent.
2. Rinse inside of tank clear of visible residues with clean water and flush through hoses and booms using at least 1/10 of tank spray volume. Drain tank completely and dispose of rinsate as per instructions.
3. Tanks without internal sprinklers: Half fill the tank with clean water and add LUCID at 250 mL per 100 litres of the total volume of the tank, as indicated in Table 1. Agitate and briefly flush the hoses and booms until the cleaning solution starts to come out through all the nozzles. Stop flow to nozzles. Then completely fill tank with water and allow to stand for 15 minutes with agitation running. Then flush all of the solution out through the booms, hoses, lines and nozzles so that the tank is completely drained. Follow the rinsate disposal instructions.
4. For very large sprayers with internal sprinklers it is not necessary to completely fill the tank. Determine the "flush volume" (the amount of water required to spray through the nozzles for 30 minutes); this should not be less than 2000 litres. Fill tank with half the flush volume of clean water and add LUCID at the label rate for the full flush volume. Agitate and briefly flush the hoses and booms until the cleaning solution starts to come out through all the nozzles. Then stop flow to boom and add the other half of the flush volume of clean water to the tank. Run the agitation and internal sprinklers ensure contact time between the cleaning solution and all internal tank surfaces of 15 to 30 minutes. Then flush all of the solution out of the spray tank via the boom, hoses, lines and nozzles and follow rinsate disposal instructions.
5. For extra "sticky" combinations or if the tank cleaning history is unknown or may have been compromised longer soaking is required with the LUCID solution at the label rate to increase product residue removal. Allow the cleaning solution to remain in contact with all internal surfaces of the spray equipment. After standing for at least 15 minutes with the boom closed and agitation running, all internal surfaces of the spray system including hoses, lines, filters, nozzles, etc. should then remain in contact with LUCID solution for 24 hours to increase residue removal. If it is suspected that hoses and spray lines are contaminated, contact time with the cleaning solution should be increased to 48 hours. Agitation should be resumed for at least another 15 minutes before the system is flushed completely. The surfaces of old and perished hoses can hold significant levels of pesticide residues and should be replaced immediately.
6. Nozzles, screens and filters etc. should be cleaned separately with a fresh solution of LUCID and water (25 mL in 10 litres of water).
7. After following the LUCID cleaning process above, the tank should be rinsed with clean water, and hoses and booms flushed through. The tank should be drained completely and the rinsate disposed of as per instructions.
8. A susceptible plant should be treated with a sample of the final rinsate to determine whether residues remain.

TABLE 1

TANK Volume	LUCID Volume
500 litres	1.25 litres
1,000 litres	2.5 litres
2,000 litres	5 litres
3,000 litres	7.5 litres
4,000 litres	10 litres

GENERAL PURPOSE CLEANING PROCEDURE

Clean the outside of tractors, sprayers and other agricultural equipment by washing down with a fresh solution of LUCID at the rate of 12.5 mL / 10 L water or equivalent.

RINSATE DISPOSAL

Rinsate should be disposed of by spraying onto a crop approved for the product(s) being removed from the spray tank, or via an alternative approved method.

CONDITIONS OF SUPPLY – Read before buying and using

AgNova Technologies NZ Ltd shall not be liable for any consequential or other loss or damage relating to the supply or subsequent handling or use of this product, unless such liability by law cannot be lawfully excluded or limited. All warranties, conditions or rights implied by statute or other law which may be lawfully excluded are so excluded. Where the liability of AgNova Technologies NZ Ltd for breach of any such statutory warranties and conditions cannot be lawfully excluded but maybe limited to it re-supplying the product or an equivalent product or the cost of a product or an equivalent product, then the liability of AgNova Technologies NZ Ltd for any breach of such statutory warranty or condition is so limited.

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See www.epa.govt.nz for approval conditions.

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