

HARMFUL - KEEP OUT OF REACH OF CHILDREN

TRANSFORMER®

FOR USE AS AN ADJUVANT
Agricultural / Horticultural Soil Conditioning Agent

ACTIVE INGREDIENT

Alcohol Ethoxylate.....194 g/L

Read label before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

WARNING – Flammable liquid and vapour. Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

NOT REGULATED AS A DG FOR TRANSPORT refer to section 14 of the safety data sheet for more information.



PRECAUTIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

STORAGE: Keep out of reach of children. Store in original, tightly closed container, in a secure place.

PERSONAL PROTECTION: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Wash thoroughly after handling. Wear protective gloves. Wear eye protection or face protection. Avoid release to the environment.

PRODUCT DISPOSAL: In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent materials. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

CONTAINER DISPOSAL: Pack size up to 60L: Triple rinse empty container and add rinsings to spray tank. Discard the container at your nearest Agrecovery collection point or crush and bury container in a suitable landfill.

Pack size over 60L: Triple rinse empty container and add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility.

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MANUFACTURED BY

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DISTRIBUTOR

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PRODUCED BY VIVANT CHEMICALS

FIRST AID

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. Do not induce vomiting. If exposed, concerned or poisoning occurs, contact a Doctor or the National Poisons Centre 0800 POISON (0800 764 766). Have the product container or label with you when calling a doctor or poisons centre or going for treatment.

EMERGENCY RESPONSE: In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) for extinction. For hazardous materials or dangerous goods incident: Spill, Leak, Fire, Exposure or Accident Call CHEMTREC Day or Night: New Zealand: +(64)-98010034 / Outside of New Zealand: +(1703)741-5970 (CCN 4897)

MIXING AND APPLICATION PRECAUTION

Pre-rinse all tanks, spray lines or containers thoroughly before adding TRANSFORMER. Coatings on inner tank and spray lines, from previous chemicals sprayed, may be dissolved by TRANSFORMER. When applying as a soil application, add water to the spray tank until nearly full, then add TRANSFORMER and agitate gently to ensure mixing with minimal foam generation. Test for compatibility prior to mixing and application with other chemicals. Always test new tank mix combinations before widespread use.

NOTICE OF WARRANTY

CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES:To be read prior to using this product. The directions should be followed carefully together with good application practice. Failure to do so may cause injury to crops, animals, man or the environment. Extraordinary or unusual weather conditions may affect product performance and/or crop injury which are beyond the control of Oro Agri, Inc. (the "Company") or seller. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the Directions For Use. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Company's election, ONE of the following: 1. Refund of the purchase price paid by buyer or user for product bought. 2. Replacement of the product used. To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company/seller offer this product and the buyer/user accepts it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

GENERAL INFORMATION

TRANSFORMER is a soil conditioner to improve soil water penetration, promote lateral movement of soil water and overcome soil hydrophobicity. Transformer also promote uniform distribution of soil-applied crop protection products and nutrients within the soil profile. Prior to use, read all the directions on this product label and the directions on the labels of any tank mix partners being used with TRANSFORMER.

CROP	SOIL APPLICATION USE RATE (L/ha)	COMMENT
Tree crops (Apples, cherries, avocados, citrus etc)	10 L/ha follow up with 5 L/ha every 6 months	Timing: spring and autumn.
Berries (Strawberries, blueberries etc)	5-10 L/ha at planting (Soil grown crop) Follow up with 1-2 L/ha every month	Use the higher rate for soil grown crop and lower rate for hydroponics. Hydroponics: Transformer (1-2 L/ha) can be used in wetting up the substrate more evenly.
Sweet corn	5-10 L/ha at planting	Use high rate for clayey soil and low rate for sandy soil.
Fruiting vege (Tomato, capsicum etc)	5-10 L/ha at planting (Soil grown crop)	Use the higher rate for clayey soil grown crop and lower rate for sandy soil. Hydroponics: Transformer (1-2 L/ha) can be used in wetting up the substrate more evenly.
Cucurbits (Melons, cucumber etc)	5-10 L/ha at planting (Soil grown crop) Follow up with 1-2 L/ha every month	Use the higher rate for soil grown crop and lower rate for hydroponics.
Vegetables (Leafy vege, brassica)	5-10 L/ha at planting	Use low rate for sandy soil and high rate for clayey soil. Repeat application may be required in very heavy soil.
Bulb vege (onions, garlic etc)	5-10 L/ha at planting	For best results, apply via overhead irrigation.
Ground crop (potatoes, sweet potato etc)	2-3 L/ha in furrow	To overcome soil constraints, eg hydrophobic soil, compacted soil etc, apply 5-10 L/ha, product must be incorporated by irrigation.

COMPATIBILITY

TRANSFORMER is also compatible with most commonly used herbicide, fungicide and insecticides.

Approved pursuant to the HSNO Act 1996, approval code HSR002495.
See www.epa.govt.nz for controls.
For more information, contact info.na@rovensanext.com
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