



KEEP OUT OF REACH OF CHILDREN

ECKOSIL SHIELD

CUTICLE ENHANCER AND STRESS PROTECTANT



A liquid fertiliser for use as a cuticle enhancer and stress protectant in all horticultural crops, vegetable crops, orchards and vineyards.

ACTIVE INGREDIENT: contains 13.86g/L silicon and 29.5g/L silicon dioxide

GSE5538/F01



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ECKOSIL SHIELD
NET CONTENTS: 20 Litres

Grosafe®

ECKOSIL SHIELD

NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE.

PERSONAL PROTECTION: Avoid contact with skin and eyes, avoid breathing mist, spray, vapours. Do not swallow. Always wear eye and face protection, protective clothing and gloves when applying this product. Do not eat, drink or smoke while using this product. Wash hands, face and exposed skin thoroughly after handling. Take off contaminated clothing and wash before reuse. Use only outdoors or in a well ventilated area. Avoid release to the environment.

STORAGE: Keep out of reach of children. Store in original container, tightly closed and away from foodstuffs. Store in a cool dry well ventilated area avoiding sunlight and extreme temperatures. Shelf life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Collect in labelled drums that can be sealed for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

PRODUCT DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill.

CONTAINER DISPOSAL: Triple rinse empty container and add rinsate to the spray tank. Recycle container via Agrecovery (www.agrecovery.co.nz) or at an approved landfill.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: If exposed or concerned, get medical advice. For advice call a doctor or the National Poisons Centre (0800 764 766) If SWALLOWED, do NOT induce vomiting. Rinse mouth. Get medical advice if feeling unwell. IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do after the first few minutes and continue rinsing. IF ON SKIN, remove contaminated clothing and wash skin with plenty of soap and water. IN CASE OF INHALATION, remove to fresh air, and keep at rest in a position comfortable for breathing.

EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622)

GENERAL INFORMATION:

EckoSil Shield enhancer contains soluble Ortho-silicic acid (free from any polymerization) designed to supplement the cuticle of growing crops and foliage. **EckoSil Shield** helps to reinforce plant cell walls, creating stronger plants with greater tolerance to abiotic stress, reduced sunburn potential, improved light absorption and rooting which leads to greater plant stature.

EckoSil Shield improves crop finish, reduces micro-fractures and post-harvest disorders to improve fruit quality and marketable yield.

EckoSil Shield is designed for use on all crops and can be applied either by foliar applications or through irrigation systems. This product can be applied to field and greenhouse crops, ornamentals and landscapes.

GENERAL INSTRUCTIONS:

Before use, shake well, then add the required quantity of **EckoSil Shield** to the partially filled spray tank. Agitate while mixing and spraying.

Application method:

Use conventional ground sprayer equipment, accurately calibrated to achieve good coverage of target surfaces. As tree crops grow and mature, the chosen spray volume, amount of product per hectare, sprayer set up and operation may need to be changed. Apply in sufficient water volume to achieve good coverage. Adjust water volume to crop growth.

COMPATIBILITY:

EckoSil Shield is compatible with most liquid fertilisers, herbicides, insecticides, fungicides, nematicides or bio nutrient sprays. It is compatible with most chemicals, however if unsure, it is recommended to test the mixture first.

DIRECTIONS FOR USE:

CROPS	USE RATE	WATER RATE	COMMENTS
All Vegetables, Fruits, Ornamentals, Tree Crops and Vines, Lawns and Flowers	30 - 50ml /100L 0.5 - 1.5 L/ha (foliar) 1 - 2 L/ha (fertigation)	300 - 2000 L/ha	Use adequate water to ensure full coverage of the crop being sprayed. Apply prior to heat event and repeat every 10-14 days as needed. For sunburn prevention begin applications 15-30 days in advance of anticipated heat or abiotic stress. For salinity stress, apply during increased salinity periods or to crops grown on saline soils.

EckoSil Shield is recommended for all crops including, but not limited to almonds, apples, apricots, avocados, cherries, cereal, citrus, figs, forage, grapes, grasses, herbs, kiwifruit, lettuce, melons, nectarines, nursery stocks, olives, peaches, peanuts, pears, plums, potatoes, prunes, strawberries, sweet corn, tomatoes, walnuts, watermelons and vegetables.

WARRANTY This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Distributed by:


Grosafe
CHEMICALS LTD

Batch No:

GSES538/B01

20 JEAN BATTEN DRIVE
MT MAUNGANUI 3116
POBox 14-450 Tauranga Central 3141
Tel: 0800 220 002
Email: info@grosafe.co.nz
www.grosafe.co.nz

Date of Manufacture:

