



DANGER
Read label before use
Keep out of reach of children

BIOSPREAD[®]

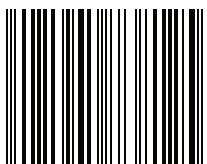
BIOCOMPATIBLE SUPER SPREADER SURFACTANT

An organo-silicone super spreader and surfactant for use with fungicides, insecticides, herbicides, plant growth regulators and foliar fertilisers.

ACTIVE INGREDIENT: 100% Polyether Modified Trisiloxane



GSBS 125/F03



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BIOSPREAD[®]
NET CONTENTS: 20 Litres

Grosafe[®]

BIOSPREAD®



HSNO HAZARD CLASSIFICATION: Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin irritation Category 2, Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2

TOXICITY: Harmful if contact with skin or if inhaled. Causes serious eye damage and skin irritation.

ECOTOXICITY: Toxic to aquatic life with long-lasting effects.

Do not apply directly into or onto water. Take all reasonable steps to ensure the substance does not cause any significant adverse effects to the environment beyond the application area.

PERSONAL PROTECTION: Avoid skin and eye contact and inhalation of vapours/mist/spray. Use outdoors or in well-ventilated area. When mixing or applying, wear overalls, impervious gloves, eye/face protection and respirator. Wash hands and exposed skin thoroughly after handling.

Wash contaminated clothing and personal protective equipment before re-use.

STORAGE: Store product in original container tightly closed and in a dry, cool, well ventilated area away from foodstuffs. When stored appropriately this product should show no significant degradation within 2 years from date of manufacture.

Contact the proprietor 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. Contain and absorb with suitable inert absorbent material and store in properly labelled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

PRODUCT DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

CONTAINER DISPOSAL: Triple rinse container and add residue to mixture. If circumstances, especially wind direction, permit the empty containers may be burned. Recycle empty containers through AgRecovery (0800 247 326). Otherwise bury in a suitable land fill.

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

FIRST AID: If medical advice is needed, have product container or label at hand.

IF INGESTED: Rinse mouth. Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.

IF ON SKIN: Wash with plenty of soap and water. Get medical advice if you feel unwell. If skin irritation occurs: Get medical advice.

Take off contaminated clothing and wash before reuse.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice if you feel unwell.

EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622).

BIOSPREAD® is a super spreader and non-ionic surfactant that enhances spreading when used with pesticides, plant growth regulators and foliar fertilisers. It has been formulated to be biocompatible and enhance the performance of biological and microbial products like Trichoderma species, Beauveria bassiana, Bacillus species plus other biologicals and microbials.

BIOSPREAD® lowers the surface tension of the spray solution so that it adheres better to plant surfaces. As a super spreader, the sprayed droplets are distributed widely and rapidly resulting in an evenly wetted plant. This permits spray volumes to be reduced by up to 30%.

BIOSPREAD® improves active ingredient uptake by increasing the penetration through the waxy layer of leaves, even under difficult conditions e.g. hot and dry. At recommended rates BIOSPREAD® shows excellent crop safety and selectivity.

Mixing:

1. Half fill spray tank with water and begin agitating.
2. Add an antifoaming agent if foaming is expected before adding any agrichemicals.
3. Add agrichemicals according to label instructions, whilst maintaining agitation.
4. After all other agrichemicals and fertilisers have been thoroughly mixed, shake BIOSPREAD® container thoroughly and add required amount.

Rainfall: BIOSPREAD® improves rainfastness. Rain one hour after application can be tolerated with no need for re-application.

Compatibility: BIOSPREAD® is compatible with most fungicides, insecticides, herbicides, plant growth regulators and foliar nutrients, provided they are suited for low volume applications. BIOSPREAD® should not be used where the product label prohibits the use of surfactants. DO NOT mix with spray oils as phytotoxicity may occur. Contact your local Grosafe representative for latest information on product compatibility and spray application techniques.

DIRECTIONS FOR USE:

Follow product label recommendations for use and rates of non-ionic surfactants. Otherwise, apply BIOSPREAD® at the rates listed below:

PRODUCT	CROP	ml/100 litres	RATE % dilution	CRITICAL COMMENT
Herbicides	-	50-100	0.05 - 0.1%	Add 50 - 100 mls/100 litres of spray mix (0.05 - 0.1%) but not less than 200 ml/ha Use the higher rate for hard to wet plant foliage
Insecticides and Fungicides	Row crops (including cereal crops)	50-100	0.05 - 0.1%	
	Fruit trees and Vines	50-100	0.05 - 0.1%	
	Vegetable crops	50-100	0.05 - 0.1%	
	Ornamentals	50-100	0.05 - 0.1%	
Growth Regulators	All	50-100	0.05 - 0.1%	
Foliar Fertilisers	All	50-100	0.05 - 0.1%	

HSNO Act 1996, Group Standard HSR002503. See www.epa.govt.nz for controls.

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.

Registered and distributed by:

Grosafe®
CHEMICALS LTD

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info@grosafe.co.nz
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Batch No: _____ Date of Manufacture: _____