

CAUTION
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

BREAK-THRU® GOLD

ACTIVE CONSTITUENT : 1020 g/l Polyether modified trisiloxane 6.1D

**A nonionic wetter penetrant for turf
to overcome and prevent drypatch
and Dew retardant**

5 LITRES



Distributed by SST New Zealand Ltd.

BREAK-THRU® is a registered trademark of Evonik Degussa GmbH

HAZARD CLASSES 6.1D, 6.4A, 6.1C, 9.3C ECOTOXIC HSR002503

SAFETY WARNING: Harmful. May be harmful if swallowed, inhaled or absorbed through the skin. May cause irritation to eyes and skin. Repeated oral exposure at high doses may cause organ damage.

ENVIRONMENTAL WARNING: Toxic to aquatic organisms for extended periods. Avoid contaminating waterways.

PRODUCT DISPOSAL: Do not allow product to enter waterways, drains or sewers. Absorb spillage on inert material such as soil and dispose of in a suitable landfill.

CONTAINER DISPOSAL: Triple rinse container and return to recycler. Alternatively, ensure container is completely empty, burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.

HANDLING PRECAUTIONS: When mixing or applying wear protective clothing, goggles or face shield and respirator if risk of inhalation. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

STORAGE: Store in original container tightly closed and in dry, cool, well ventilated area, away from foodstuffs. Stores containing 1000 litres require secondary containment and signage.

FIRST AID: If swallowed DO NOT induce vomiting. Rinse mouth with water and give water to drink. For advice, contact the **National Poisons Centre 0800 POISON (0800 764 766)** or a doctor immediately. If skin, hair or eye contact occurs, remove contaminated clothing and flush skin, hair and/or eyes with running water for several minutes. Additional information is contained in the **Material Safety Data Sheet** which is available from the reseller at point of purchase or visit www.sstnewzealand.co.nz for alternate contact details.

Directions for use	Use Rate	Critical comments
Turf Management		
Boom spray application	800mL - 3 Ltr/Ha	Application of Break-thru® each 2 – 4 weeks as required by conditions. Water-in immediately after application.
Water rate	400 – 800 Ltr/Ha	
Pretreatment program	2.5 L/Ha	Pretreatment to conventional wetting agent program. Apply one week before commencing conventional wetting agent program prior to dry season. A second treatment in mid summer will help to maintain optimum penetration.
Water rate	800 Ltr/Ha	
Trouble spots	25mL/10 L	Spot treatments by back pack or boom spray will overcome severe hydrophobicity and control drypatch.
Direct irrigation injection	1 – 2 L/Ha/week	Application of Break-thru® at a rate of 1 – 2 Litre/Ha per week each week by irrigation as required by conditions will overcome hydrophobicity and prevent drypatch.
Greens, Tees, Fairways and Sports fields		
Dew control – Day Prevention	2 - 5 L/Ha	Apply in water (0.5%) on day of night game or day of golf tournament will help prevent dew formation.
Water rate	1000 Ltr/Ha	
Extended control	6 - 10 L/Ha	Apply in 1000 L/Ha water (1%) to give longer term control. Can cause discolouration on some turf varieties.
Water rate	1000 Ltr/Ha	
PRECAUTION		Test on a small area to determine suitability with turf variety prior to large scale use.
Dew control & Boom spray use		

NOT TO BE USED FOR ANY PURPOSE OTHER THAN INDICATED ON THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

GENERAL INSTRUCTIONS

BREAK-THRU® is a new generation highly penetrating surfactant. At extremely low rates BREAK-THRU® achieves exceptional penetration and spreading into hydrophobic turf and thatch. When used as directed BREAK-THRU® will enable water to penetrate into any severely water repellent trouble spots and consistent application will maintain excellent turf vigor. Direct irrigation injection or boom spray treatment as required will maintain consistent water distribution through the soil profile. BREAK-THRU® application prior to a conventional wetting agent program will overcome built up dry patch and enhance performance.

MIXING

Add Breakthru® to half filled tank under agitation. Do not apply within 7 days of fertilizer application as phytotoxicity could occur.

CONDITIONS OF SALE: The use of Break-thru Gold being beyond the control of the manufacturer, no warranty expressed or implied is given by SST New Zealand LTD. or Evonik Degussa GmbH regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and SST New Zealand LTD. nor Evonik Degussa GmbH accepts no responsibility for any consequences whatsoever resulting from the use of this product.

Batch No.
Date of Manufacture

Manufactured by
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Hopewell, VA 23860, USA

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NEW ZEALAND
PHONE +64 9 259 3760 Co. No. 1499396

IN AN EMERGENCY PHONE NUMBER IS
NATIONAL POISONS CENTRE
0800 POISON (0800 764 766)

PROPER SHIPPING NAME	CLASS	UN No.	HAZCHEM	PG
ENVIRONMENTALLY	9	3082	3Z	III
HAZARDOUS SUBSTANCE				

LIQUID, N.O.S.
(Polyethersiloxane >80%)

24 Hour Contact Number
+ 61 418 844 861