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READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Stimulate

SURFACTANT

ACTIVE CONSTITUENT: 870 g/L NON-IONIC SURFACTANTS

A premium non-ionic, rainfast Wetting Agent with low foaming qualities.

Wetter/Surfactant • General Purpose • Low Foaming • Non-ionic

IMPORTANT: Read this booklet before use.

APVMA Approval No: 85392/113178

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DIRECTONS FOR USE

Apparent Stimulate Surfactant can be used where the addition of a surfactant is required or recommended on the agricultural chemical label. Variation in conditions of use can require changes in the amount of Apparent Stimulate Surfactant required.

Situation	Application Rate per 100 L
Non-Selective Herbicides FOLIAR ACTIVE SOIL ACTIVE	70 – 125 mL 75 – 100 mL
Selective Herbicides IN CROP USE	75 – 125 mL
Diclofop-methyl Herbicides (Di-Grass, Nugrass, Hoegrass)	150 mL
HORTICULTURAL USAGE	
INSECTICIDES For example: carbaryl, chlorpyrifos, dimethoate, trichlorfon, malidison, cypermethrin (200 g/L), plus others	Boom Spray 50 – 125 mL Misters 30 - 100mL
FUNGICIDES mancozeb (750 g/kg), chlorothalonil (720 g/L)	Boom Spray 50 - 125 mL Misters 30 - 100 mL
HERBICIDES Foliar active paraquat & diquat (135 & 115 g/L), glyphosate, Amitrole T, dicamba (500 g/L), MCPA Soil active atrazine 900DF, simazine 900DF, 2,4-D sodium salt (700 g/kg)	70 - 125 mL 75 - 100 mL
Sugarcane Herbicides Knockdown mixtures with paraquat, glyphosate, MCPA, 2,4-D amine, 2,4-D dimethyl amine salt (800 g/kg), 2,4-D sodium salt (700 g/kg)	60 - 120 mL
Mixtures of knockdown and residual herbicides such as paraquat plus atrazine 900DF, or 2,4-D amine (625 g/L) plus diuron 900DF	75 - 125 mL

Critical Comments
Use higher rate on waxy, hairy or hard to wet surfaces. Increase rate for dry soils.
Use only when a surfactant is recommended on herbicide label. Use the higher rate for hard to wet surfaces.
Use only in mixture of diclofop-methyl with bromoxynil and MCPA, LVE MCPA, diflufenican plus MCPA (25 & 250 g/L) or metsulfuron (600 g/kg) herbicides.
Use the higher rate on hairy, waxy, dusty or hard to wet surfaces. Also increase the rate when spraying onto dry soils.
Increase the rate of Apparent Stimulate Surfactant as the rate of water sprayed per hectare increases. For example, if you apply 400 litres of water per hectare, 400 to 480 mL of Apparent Stimulate Surfactant should be added to the spray solution. Spray only to the point where leaves are fully covered. Spraying beyond this allows runoff, which will increase costs by losing chemical onto the ground.
Use the higher rate when spraying waxy, hairy, dusty, or hard to wet leaves. Also if the soil is dry, a higher rate of Apparent Stimulate Surfactant should be used. Consult product labels for individual recommendations.

HORTICULTURAL USAGE	
Situation	Application Rate per 100 L
Woody Weed Spraying	100 - 125 mL
Fire Fighting	Water tanker: 10 mL per 100 litres of water Knapsack: 1 mL per 10 litres of water
Paraquat & Diquat Important when grasses are the major target	60 - 120 mL
Pasture Topping For use with glyphosate 450	150 mL
Watering of Turf and Dust Abatement As additive to water	50 - 125 mL

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

Note: Where product labels recommend the addition of a non-ionic wetting agent at a specific percentage dilution, use the following guidelines, e.g. 0.1% - 100 mL per 100 litres of final spray volume, or 0.125% – 125 mL per 100 litres of final spray solution.

GENERAL INSTRUCTIONS

Apparent Stimulate Surfactant is a low foaming, non-ionic type spreader adjuvant, providing quick wetting, more uniform distribution. Apparent Stimulate Surfactant increases retention of spray by reducing surface tension of the spray droplets.

Apparent Stimulate Surfactant is a water-soluble adjuvant that may also be used as an interfacing agent for wettable powders. Apparent Stimulate Surfactant assists the uptake of foliar absorbed products.

MIXING

For wettable powders and water soluble products add Apparent Stimulate Surfactant to water in the spray tank before adding agricultural chemical. For emulsifiable and suspension concentrate products add Apparent Stimulate Surfactant to the spray tank after a good emulsion is formed.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Harmful to fish. DO NOT contaminate streams, rivers and waterways with the chemical or used containers.

Critical Comments
<p>Spot Spraying: When spot spraying with chemicals such as dichlorprop potassium salt (600 g/L), dicamba (500 g/L), 2,4-D amine (625 g/L), glyphosate or metsulfuron. Apparent Stimulate Surfactant should be added at these rates depending on growth conditions and likely rainfall conditions.</p> <p>Aerial Spraying: Aerial spraying of woody weeds is often difficult by air due to the difficulty of reaching the target effectively. However, this is normally the only practical option.</p> <p>Apparent Stimulate Surfactant will improve penetration into the plant as well as prolonging the droplet life when used through aircraft. Normal water volumes of 30 to 50 litres per hectare should include at least 40 mL of Apparent Stimulate Surfactant per 100 litres of water.</p> <p>Apparent Stimulate Surfactant improves the efficiency of water in fire fighting by increasing the wetting power and assisting in faster control.</p>
<p>Vary rate according to spray volume. Select rate in accordance with product labels.</p>
<p>Use the higher rate for wetting turf.</p>

STORAGE AND DISPOSAL

Keep out of reach of children.

Store in closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple-rinse containers before disposal. 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. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Refillable containers (1000L only)

Store in the closed, original container in a cool, well-ventilated area away from children, animals, food, feedstuffs, seed and fertilizers. Do not store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Avoid contact with the eyes or skin. When using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC/rubber gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre: Phone Australia 13 11 26. If skin contact occurs remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which is available from the supplier.

CONDITIONS OF SALE

The use of Apparent Stimulate Surfactant being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent Pty Ltd 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 Apparent Pty Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.