



HASTENTM

An Esterified Seed Oil (ESO) Spray Adjuvant to assist the effectiveness of Herbicides and other Agricultural Chemicals

Contains 704 g/L Ethyl and Methyl Esters of Vegetable Oil with 196 g/L Non-ionic Surfactants

NET CONTENTS: 10 litres

Registered to and distributed by:
BASF New Zealand Limited
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Phone: 0800 932 273
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READ THE LABEL BEFORE OPENING OR USING

WARNING

This material may cause eye and skin irritation.

PRECAUTIONS

STORAGE: Keep out of reach of children. Store in the closed, original container, in a well-ventilated area, as cool as possible. Do NOT store for prolonged periods in direct sunlight. Avoid storage below 0 °C, as this product may become cloudy and thicken. Above 0 °C, it returns to its normal clear fluid state.

SPILLAGE: In the event of a spillage absorb onto sand or chemical absorbent. Wash affected area with detergent and hot water. Absorb and collect washings and place in the same container as the spilled material. Dispose of by normal waste disposal methods, conforming to local authority codes.

PERSONAL PROTECTION: When opening the container and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves and face shield.

GENERAL SAFETY AND HYGIENE MEASURES: Avoid contact with eyes and skin. Avoid inhaling vapour or spray mist. After use wash thoroughly with soap and water. After each days use wash contaminated clothing.

USE: When applying HASTEN together with other chemical products note their precautions for use.

DISPOSAL: Container: Triple rinse empty container and add rinsate to the spray tank. Recycle through Agrecovery (0800 247 326, www.agrecovery.co.nz). Product: Dispose of this product only by using according to the label or at an approved landfill. Do not contaminate streams, rivers or waterways with chemical or empty container.

FIRST AID

If swallowed, do NOT induce vomiting. Give nothing by mouth. Take to hospital without delay. If on skin, remove contaminated clothing and wash affected areas of the skin with water, and soap if available. Do NOT scrub the skin. Get medical attention if irritation persists. If in eyes, hold eyelids open and flush with water for 15 minutes. Get medical attention without delay.

GENERAL INFORMATION

HASTEN is a blend of esterified vegetable oil and non-ionic surfactants that is suitable for use as a Spray Adjuvant with a range of agricultural chemicals including Herbicides, Insecticides, Fungicides, Defoliant and Desiccants, particularly where oil based adjuvants are specified on the label.

Hasten improves spray results by:

- Increasing penetration through waxy cuticles
- Increasing wetting and spreading of spray droplets
- Reducing spray droplet evaporation rates

IMPORTANT

Prior to use, read all directions on this label and on the label of the agricultural chemical product being used. Any specific usage or restriction on the label of the agricultural chemical has precedence over directions for use referred to on this label.

DIRECTIONS FOR USE

HASTEN may be used wherever an oil-based adjuvant is recommended on the label of the agricultural chemical, unless HASTEN or esterified seed-oil adjuvants are specifically excluded. The recommended use rate of HASTEN for all such applications is 500 ml/100 litres water or 0.5% of the spray volume.

Fungicides:

Use HASTEN to improve coverage of protectant products and increase uptake of systemic compounds. Use with Acrobat[®] MZ690 for improved control of downy mildew in onions, and with Zampro[®] for improved control of late blight in potatoes.

Herbicides:

HASTEN may be used with a variety of herbicides to improve the coverage of target weeds and increase the uptake of herbicide active ingredients. HASTEN is suitable for use where an oil based surfactant is required e.g. TwinAx^{®1}, Puma^{®2} S.

Use with Aramo[®] for improved uptake and efficacy, especially on annual poa. Use with Spinnaker[®] for improved uptake especially on weeds with waxy or more mature leaves. Use with Pulsar[®] for improved coverage of bentazone and increased uptake of MCPB.

Always use HASTEN when mixing Sharpen[®] with glyphosate.

Insecticides:

HASTEN may be used with a variety of insecticides. Use with Ascend[®] for improved coverage and efficacy in onions against thrips.

Consult your Field Advisor for more information on the use of HASTEN.

MIXING AND APPLICATION

Follow the directions on the label of the agricultural chemical. Fill spray tank one-half full of water and add the required amount of the crop protection product while agitating. Add remainder of the water. Add the required amount of HASTEN last and continue agitating until completion of spraying.

COMPATIBILITY

HASTEN can provide enhanced performance when compared with mineral oil or vegetable oil based adjuvants. Under cold conditions (<10°C) HASTEN is preferred to other crop adjuvants when used with certain herbicides when recommended on their label.

CROP SAFETY

Refer to the directions on the label of the agricultural chemical. Caution must be exercised when applying HASTEN with crop protection products on sensitive crops during periods when plants are subject to drought stress, high temperatures or high humidity. If in doubt about the appropriateness of using HASTEN, please test by application to a small area before using it on a full-scale basis.

CONDITIONS OF SUPPLY

Read conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened. All goods supplied by BASF New Zealand Limited are of a high grade and conform to the chemical description of the label. However, to the extent permitted by law, neither BASF nor any of its Distributors accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential, howsoever arising, in connection with the supply of those goods including without limitation their storage, application, handling or use. BASF New Zealand Limited, nor any of its Distributors, make no warranties of any kind, express or implied, with respect to fitness for purpose (including crop injury, ineffectiveness or any other unintended consequence), merchantable quality or any other matter with respect to these goods. When you are a consumer as defined in the Consumer Guarantees Act 1993 (the "Act") these conditions will be subject to the provisions of the Act. However the Act will not apply to goods supplied to you for business purposes.

Date of Manufacture:

Batch No.:

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24 Hour Advice in an Emergency Only

0800 944 955

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