


SAFETY DATA SHEET

Section 1: Identification: Product identifier and chemical identity

Product Identifier:	SCORE[®] Foliar Fungicide
Other Means of Identification:	Proper shipping name: Environmentally Hazardous Substance, Liquid, N.O.S (solvent naphtha and difenoconazole) Applicable only for marine and air transport
	Product code: A7402Q
Recommended Use:	Fungicide
Details of manufacturer or importer	Syngenta Australia Pty Ltd ABN 33 002 933 717
Address:	Level 1, 2-4 Lyonpark Road MACQUARIE PARK NSW 2113 AUSTRALIA
Website:	syngenta.com.au
Phone Number:	(02) 8014 5200
Emergency Phone Number:	24 hours - 1800 033 111

Section 2: Hazards identification

Classification of the Hazardous Chemical:	Aspiration Hazard – Category 1 Skin irritation – Category 2 Eye irritation – Category 2 Carcinogenicity – Category 2 Reproduction toxicity – Category 2
Signal Word:	Danger
Hazard Statement(s):	H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H319 Causes serious eye irritation H351 Suspected of causing cancer H361d Suspected of damaging the unborn child
Precautionary Statement(s):	P102 Keep out of reach of children P280 Wear protective gloves/protective clothing/eye protection/face protection P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician P302 + P352 IF ON SKIN: Wash with plenty of soap and water P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P331 DO NOT induce vomiting P501 Dispose of contents/container to an approved waste disposal plant
Hazard Symbols:	

Section 3: Composition and information on ingredients

SUBSTANCE	
Chemical Identity of Pure Substance:	Difenoconazole
Synonym:	CGA169374
CAS Number:	119446-68-3

MIXTURE		
Chemical Identity of Ingredients:	CAS No	Proportion (% w/v)
Difenoconazole	119446-68-3	25
Solvent naphtha (petroleum), highly aromatic	64742-94-5	30–<60
N-methyl pyrrolidone	872-50-4	10–<30
Calcium alkyl benzene sulphonate	26264-06-2	<10
Naphthalene	91-20-3	<10
other ingredients determined not to be hazardous	-	to 100

Section 4: First aid measures

Description of Necessary First Aid Measures:	In case of poisoning by any exposure route contact a doctor or Poisons Information Centre on 131 126. Have the product label or SDS with you when calling or going for treatment.
Ingestion:	If swallowed, seek medical advice immediately and show this container or label. DO NOT induce vomiting: contains petroleum distillates and/or aromatic solvents.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
Skin contact:	Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a doctor. Wash contaminated clothing before re-use.
Inhalation:	Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a doctor or Poisons Information Centre immediately.
Symptoms Caused by Exposure:	Poisoning symptoms in laboratory animals were non-specific. Aspiration may cause pulmonary oedema and pneumonitis.
Medical Attention and Special Treatment:	There is no specific antidote available. Treat symptomatically. DO NOT induce vomiting: contains petroleum distillates and/or aromatic solvents.

Section 5: Fire fighting measures

Suitable Extinguishing Equipment:	Small fires: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide. Large fires: Use alcohol resistant foam DO NOT use a solid water stream as it may scatter and spread fire.
Specific Hazards Arising from the Chemical:	As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion. Combustion or thermal decomposition will evolve toxic and irritant vapours. Exposure to decomposition products may be a hazard to health. Flash back possible over considerable distance.

Special Protective Equipment and Precautions for Fire Fighters:	Wear full protective clothing and self contained breathing apparatus.
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Section 6: Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures:	<p>In case of spillage it is important to take all steps necessary to</p> <ul style="list-style-type: none"> • Avoid eye and skin contact • Avoid contamination of waterways • Wear full length clothing and PVC gloves • Keep all bystanders away
Environmental precautions:	Prevent further leakage or spillage if safe to do so. DO NOT flush into surface water or sanitary sewer system.
Methods and Materials for Containment and Clean Up:	<p>Procedure for spill</p> <ol style="list-style-type: none"> (1) Keep all bystanders away (2) Wear full length clothing and PVC gloves (3) Reposition any leaking containers so as to minimise further leakage (4) Dam and absorb spill with an absorbent material (eg sand or soil) (5) Shovel the absorbed spill into drums (6) Disposal of the absorbed material will depend upon the extent of the spill <ul style="list-style-type: none"> • For quantities up to 50 L of product bury in a secure landfill site • For quantities greater than 50 L seek advice from the manufacturer (use emergency contact number below) before attempting disposal. Contain in a secure location until disposal method is established (7) Decontaminate spill area with detergent and water and rinse with the smallest volume of water practicable

Section 7: Handling and storage

Precautions for Safe Handling:	<p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray wear:</p> <ul style="list-style-type: none"> • cotton overalls buttoned to the neck and wrist • a washable hat • elbow-length butyl rubber gloves • face shield or goggles <p>When using the prepared spray wear:</p> <ul style="list-style-type: none"> • cotton overalls buttoned to the neck and wrist • a washable hat • elbow-length butyl rubber gloves <p>If product gets in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p>
Conditions for Safe Storage, Including any Incompatibilities:	Store in closed original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Section 8: Exposure controls and personal protection

ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND WARNINGS

	Component	Exposure limit	Value type
National Exposure Standards:	1-Methyl-2-pyrrolidone	25 ppm	TWA
		103 mg/m ³	TWA
		75 ppm	STEL
		309 mg/m ³	STEL
Syngenta Exposure Standards:	Difenoconazole	8 mg/m ³	TWA 8h
Supplier Exposure Standards:	Solvent naphtha (petroleum), highly arom.	15 ppm	TWA 8h
		100 mg/m ³	TWA 8h
Biological Limit Values:	No biological limits allocated		
Engineering Controls:	No special requirements. Product is used outdoors.		
Personal Protective Equipment:	<p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray wear:</p> <ul style="list-style-type: none"> cotton overalls buttoned to the neck and wrist a washable hat elbow-length butyl rubber gloves face shield or goggles <p>When using the prepared spray wear:</p> <ul style="list-style-type: none"> cotton overalls buttoned to the neck and wrist a washable hat elbow-length butyl rubber gloves <p>If product gets in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p>		

Section 9: Physical and chemical properties

Appearance:	Yellow to brown liquid	Boiling Point/Range:	>220°C
Odour:	Characteristic	Melting Point:	No data available
pH:	4-8 at 1 % w/v	Solubility:	Miscible
Vapour Pressure:	No data available	Density:	1.04-1.08 g/cm ³ at 20°C
Surface tension:	35.8 mN/m at 25°C	Viscosity, dynamic:	35-40 mPa.s at 20°C 13-21 mPa.s at 40°C

Flash Point:	63°C at 101.3 kPa Pensky-Martens cc	Explosive Properties:	Not explosive
Upper and Lower Flammable (Explosive) Limits in Air:	No data available	Oxidising Properties:	Not oxidising
Auto Ignition Temperature:	445°C	Combustibility:	Combustible C1
		Corrosiveness:	Not corrosive

Section 10: Stability and reactivity

Reactivity:	No information available.
Chemical Stability:	No information available.

Possibility of Hazardous Reactions:	None known. Hazardous polymerisation does not occur.
Conditions to Avoid:	No information available.
Incompatible Materials:	No information available.
Hazardous Decomposition Products:	Combustion or thermal decomposition will evolve toxic and irritant vapours.

Section 11: Toxicological information

Health Effects from Likely Routes of Exposure:	
Acute	<p>Oral toxicity: LOW TOXICITY Tests on rats indicate this product has a low toxicity following single doses of a similar formulation/ LD₅₀ = 3,442 mg/kg</p> <p>Dermal toxicity: LOW TOXICITY Tests on rabbits indicate this product has a low toxicity following skin contact with a similar formulation. LD₅₀ = 2,000 mg/kg</p> <p>Inhalation: LOW TOXICITY Tests on rats indicate this product is not harmful due to inhalation of a similar formulation. LC₅₀ (4 hour) = >5.4 mg/L air</p> <p>Skin irritation: SLIGHT IRRITANT</p> <p>Eye irritation: MODERATE IRRITANT</p> <p>Sensitisation: NOT A SENSITISER</p>
Chronic	Difenoconazole technical has been extensively tested on laboratory mammals and in test tube systems. No evidence was obtained of mutagenic, carcinogenic, teratogenic neurotoxic or reproductive effects.

Section 12: Ecological information

Ecotoxicity	<p>The following are based on tests conducted with a similar product</p> <p>Toxicity to fish: Highly toxic to fish <i>Oncorhynchus mykiss</i> (Rainbow Trout) LC₅₀ = 3.2 mg/L, 96 hours <i>Lepomis macrochirus</i> (Bluegill) LC₅₀ = 0.74 mg/L, 96 hours</p> <p>Toxicity to daphnia and other aquatic invertebrates: Highly toxic to Daphnia <i>Daphnia magna</i> (Water Flea) EC₅₀ = 3.3 mg/L, 48 hours</p> <p>Toxicity to algae: Moderately toxic to algae <i>Desmodesmus subspicatus</i> (Green Algae) E_bC₅₀ = 0.15 mg/L, 72 hours</p> <p>Toxicity to soil dwelling organisms: Practically non-toxic to earthworms <i>Eisenia foetida</i> (earthworm) LC₅₀ = >1000 mg/kg, 14 days</p>
Persistence and Degradability:	<p>Difenoconazole is readily biodegradable Difenoconazole is not persistent in water (Degradation half-life = 1 day) Difenoconazole is not persistent in soil (Degradation half-life = 149-187 days)</p>
Mobility in Soil:	Difenoconazole has low mobility in soil
Bioaccumulative Potential:	Difenoconazole has high potential to bioaccumulate

Section 13: Disposal considerations

Disposal Methods:	Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt
Special Precautions for Incineration or Landfill:	Not applicable

Section 14: Transport information

LAND TRANSPORT ADG	Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the Australian Code for the Transport of Dangerous Goods (ADG). This applies when transported by road or rail in packagings that do not incorporate a receptacle exceeding 500 kg(L) or IBCs per ADG Special Provision AU01.		
UN Number:	3082	Packing Group:	III
UN Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S. (solvent naphtha and difenoconazole)	Special Precautions for User:	None allocated
Transport Hazard Class:	9	Hazchem or Emergency Action Code:	•3Z
Subsidiary Risk:	None allocated		

SEA TRANSPORT IMDG			
UN Number:	3082	Subsidiary Risk:	None allocated
UN Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S. (solvent naphtha and difenoconazole)	Packing Group:	III
Transport Hazard Class:	9	Environmental hazards for Transport Purposes:	Marine pollutant

AIR TRANSPORT IATA - DGR			
UN Number:	3082	Subsidiary Risk:	None allocated
UN Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S. (solvent naphtha and difenoconazole)	Packing Group:	III
Transport Hazard Class:	9		

Section 15: Regulatory information

APVMA Product Number: 45810

Poisons Schedule (SUSMP): 5

Section 16: Any other relevant information

Date of preparation or last revision: 20 October 2021

Source of Data: The information provided in this SDS is sourced from Syngenta internal studies which have been conducted according to Regulatory requirements including OECD and CIPAC Guidelines and EC Directives. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

Note: This product is a registered agricultural chemical and must, therefore, be used in accordance with the container label directions

CONTACT POINT: Regulatory Affairs Manager, Syngenta Australia Pty Ltd
(02) 8014 5200

24 HOURS EMERGENCY CONTACT: 1800 033 111

This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.