

Safety Data Sheet

release date 29-OCT-2001
replaces all previous editions

Trade Name Syngenta

THIOVIT JET 80 WG

1. Identification of the substance / preparation and of the company / undertaking

Identification of the substance or preparation

Trade Name Syngenta THIOVIT JET 80 WG
Design Code A8456E
AGI Code 119071

Company / undertaking identification

Company Syngenta Crop Protection AG
Postfach
CH-4002 Basel
Switzerland
Phone +41 61 323 11 11
Fax +41 61 323 12 12
Product Information Phone (office hours) +41 61 323 40 40
Emergency Phone (24h) +41 61 323 33 33
Emergency Information concerning
- transport see emergency phone number in the shipping documents
- storage see emergency phone number of local Syngenta organization

2. Composition / information on ingredients

Chemical characteristic

Formulation type	Water dispersible granules			
Use	Fungicide			
Active ingredient(s)	80	% w/w	sulfur	SAN7116
Hazardous Component(s)				
CAS	Product Denomination	%	Hazard Symbol	Special Risks
7704-34-9	sulfur	80	Xi	36/38

3. Hazards Identification

Health Hazards: Slight.

Environmental hazard in case of accident (Spillage/Leakage): Slight.

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4. First-Aid Measures

First-Aid Measures

General: Remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from undercooling. IN CASE OF SUSPECTED POISONING: Immediately call a physician.

Eye Contact: Rinse eyes with clean water for several minutes .

Ingestion: Repeatedly administer medicinal charcoal in a large quantity of water. NOTE: Never give anything by mouth to an unconscious person. Do not induce vomiting.

Skin Contact: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water.

Medical Instructions

Antidote: No specific antidote is known! Apply symptomatic therapy.

Experiences Specific to Man: No case of human poisoning is known.

5. Fire-Fighting Measures

Combustibility: yes

Extinguishing media

Suitable Extinguishing Media: Dry chemical extinguisher, foam, carbon dioxide or waterspray (do not use direct jet of water).

Fire fighting

Special Hazards during Fire Fighting: Combustion product: sulfur dioxide. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.

Hazardous Combustion Products: carbon dioxide; carbon monoxide; sulfur dioxide;

Protective Equipment for Fire Fighting: Use self contained breathing apparatus. Wear protective equipment.

Swiss Fire Prevention Class: F4 S CO

6. Accidental Release Measures

Environmental Protection Measures following Accidents: Collect product and dispose of in an incinerator approved for chemicals. Dampen solid material carefully to prevent it being blown away. Collect material in specially marked, tightly closing containers. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative.

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7. Handling and Storage

Handling information

General: Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Keep away from sources of ignition. Take precautionary measures against static discharges (transfer operations: check grounding). Do not eat, drink or smoke while working. In addition to the measures usually taken in chemical works like dustproof filling and measuring equipment (including dust extraction), further personal protection measures may have to be implemented to avoid possible contact with the product.

Storage information

Special Instructions for Storage: Store the product in closed original containers. Protect from light and humidity.

Storage Compatibility with other Products: Store separately from feed, food and stimulants.

8. Exposure controls / Personal protection

Personal protective equipment

In General: Change working clothes daily.

Breathing Protection: Dust mask.

Eye Protection: Goggles

Hand Protection: Chemical-resistant gloves

Body Protection: Heavy duty cotton or synthetic fabric working clothes (e.g. overalls).

Precautionary measures after work: Wash thoroughly (shower, bathe, wash hair). Change clothing. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

9. Physical and Chemical Properties

Form:	granules	
Color:	light brown to dark brown	
Physical State:	solid	
Flammability:	not highly flammable (1.5 %)	EEC A 10
Oxidizing Properties:	not oxidizing	EEC A 17
Explosive Properties		EEC A 14
Assessment:	not explosive	
Friction Sensitivity:	not friction sensitive	
Shock Sensitivity:	not shock sensitive	
pH Value:	7 - 12 (1 %; in deionised water)	CIPAC MT 75.2
Surface Tension:	68.1 mN/m (1.0 g/l; Suspension in distilled water; 20 °C)	EEC A 5
Surface Tension:	61.3 mN/m (20.0 g/l; Suspension in distilled water; 20 °C)	EEC A 5
Surface Tension:	54.8 mN/m (100.0 g/l; Suspension in distilled water; 20 °C)	EEC A 5
Miscibility with water:	miscible (1 %; ca 23 °C)	

10. Stability and Reactivity

Sensitivity

Thermal Sensitivity: thermally not sensitive

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11. Toxicological Information

Acute Oral Toxicity		OECD 401
LD50:	> 5000 mg/kg (rat)	
Acute Dermal Toxicity		OECD 402
LD50:	> 2000 mg/kg (rat)	
Acute Skin Irritation:	non irritant (rabbit; assessment according to 93/21/EEC)	OECD 404
Acute Eye Irritation:	non irritant (rabbit; assessment according to 93/21/EEC)	OECD 405
Skin Sensitization:	not sensitizing (guinea pig; assessment according to 93/21/EEC; Buehler test)	OECD 406

12. Ecological Information

Acute Toxicity to Fish	
LC50:	> 1000 mg/l (fish (general); 96 h)

13. Disposal Considerations

Disposal

Product Disposal: Pay attention to protective clothing and measures. Dampen solid material carefully to prevent it being blown away. Collect material in specially marked, tightly closing containers. Treat contaminated surfaces with water. Collect washings in containers, to avoid any contamination of surface and ground water, water supplies and drains. Hose down the area for a prolonged period. Heavily contaminated soil layers have to be dug out down to clean soil. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative and dispose of in an incinerator approved for chemicals.

Container Disposal: Dispose of empty containers in an incinerator approved for chemicals. Damaged containers: Place original containers in specially marked larger ones. Check possibilities of recycling large empty containers, drums and barrels.

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14. Transport Information

Rail / Road (RID / ADR)

Not classified as dangerous
good

Sea (IMDG-Code)

Not classified as dangerous
good

Air (ICAO / IATA)

Not classified as dangerous
good

Swiss POST: 1 (free)

15. Regulatory Information

EU-Classification

Labelling Requirement

not required

Type of Classification

Self-Classification

International

WHO Toxicity Classification

-

III: Product unlikely to present acute hazard in normal use

Weight limit (Switzerland)

**as prescribed by accident
regulations**

2000 kg

16. Other Information

The information contained herein is based on the present state of our knowledge as is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.
