

SAFETY DATA SHEET

Iprodione WP 50 A (Japan)

SDS # : 7073-A

Revision date: 2016-05-26

Version 1.02



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Iprodione WP 50 A (Japan)
Active Ingredient(s) Iprodione
Chemical Family Dicarboximide
Synonyms IPRODIONE: 3-(3,5-dichlorophenyl)-N-isopropyl-2,4 dioxoimidazolidine-1-carboxamide (IUPAC name); 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide (CAS name)

Recommended Use: Fungicide.

Manufacturer/Supplier

FMC Corporation
Agricultural Solutions
2929 Walnut Street
Philadelphia, PA 19104
General Information:
Phone: (215) 299-6000
E-Mail: msdsinfo@fmc.com

Emergency telephone number

For leak, fire, spill or accident emergencies, call:
1 800 / 424 9300 (CHEMTREC - U.S.A.)
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)

Medical Emergencies:
1 800 / 331-3148 (PROSAR - U.S.A. & Canada)
1 651 / 632-6793 (PROSAR - All Other Countries - Collect)
Responsible/issuing person

Official National Emergency Telephone
Number or Poison Control Center Number

2. HAZARDS IDENTIFICATION

Classification of the chemical

Carcinogenicity	Category 2
Acute aquatic toxicity	Category 1
Chronic aquatic toxicity	Category 1

Labeling

Symbol(s)



Signal word:

WARNING

Hazard Statements

H351 - Suspected of causing cancer
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood
 P273 - Avoid release to the environment
 P281 - Use personal protective equipment as required
 P308 + P313 - IF exposed or concerned: Get medical advice/ attention
 P405 - Store locked up
 P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**General Hazards**

May cause slight eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Weight %	ENCS (Japan)	ISHL No	CAS-No
Synthetic amorphous silica	0	X		112926-00-8
Iprodione	50			36734-19-7
Sodium lignosulfonate	5	X		8061-51-6
Kaolinitic clay	0			999999-99-4
Nonylphenol ethoxylate	0.1-2.5			68412-54-4

4. FIRST AID MEASURES**Eye Contact**

Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for further treatment advice.

Skin Contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

Inhalation

Move to fresh air. If person is not breathing, contact emergency medical services, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Irritation. Coughing and/ or wheezing. Gastrointestinal effects.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray Carbon dioxide (CO₂) Foam Dry chemical

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Isolate and post spill area. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.

Environmental Precautions

Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.

**Methods for Containment
Methods for cleaning up**

Use a wet sweeping compound or water to prevent dust formation.
Sweep up and shovel into suitable containers for disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

7. HANDLING AND STORAGE**Handling**

Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

Storage

Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Store in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical name	Japan	ACGIH TLV	China	Korea
Synthetic amorphous silica 112926-00-8			TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 10 mg/m ³
Chemical name	Taiwan	Indonesia	Australia	India
Synthetic amorphous silica 112926-00-8		TWA 10 mg/m ³	TWA 10 mg/m ³	

Occupational exposure controls**Engineering measures**

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment**General information**

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

Respiratory Protection

For dust, splash, mist or spray exposures wear a filtering mask.

Eye/Face Protection

For dust, splash, mist or spray exposure, wear chemical goggles.

Skin and Body Protection

Wear long-sleeved shirt, long pants, socks, shoes.

Hand Protection

Protective gloves should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Granules
Odor	None
Physical State	Solid
pH	No data available
Flash point	Not determined
Autoignition temperature	No data available

Boiling Point/Range	No data available
Melting Point/Range	No data available
Flammability Limits in Air	
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Explosion limits	
Upper	No data available
Lower	No data available
Explosive properties	No information available
Oxidizing properties	No information available
Evaporation Rate	No data available
Vapor density	No data available
Bulk Density	kg/m ³
solubility	No information available
Water solubility	Dispersible in water
Partition coefficient	No data available
Viscosity, dynamic	No information available

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Hazardous reactions None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information.

Skin Contact Slightly or non-irritating (rabbit).
Eye Contact Slightly or non-irritating (rabbit).

LD50 Dermal > 2002 mg/kg (rat)
LD50 Oral 8,000 mg/kg (rat)
LC50 Inhalation > 13 mg/L 4 hr (rat)

Sensitization Non-sensitizer

Chronic toxicity

Chronic toxicity Prolonged exposure may cause chronic effects Possible risks of irreversible effects See Section 11 "Toxicological Information"

Target organ effects Iprodione caused effects in the liver, adrenal, ovary and/or testes in chronic feeding studies in rats and dogs [NOEL: 2-year Study (rats): 150 mg/kg diet; 1-year Study (dogs): 18 mg/kg].

Carcinogenicity Iprodione: Animal experiments showed a statistically significant number of benign tumors (testicular, liver, and ovarian).

Mutagenicity Not mutagenic in AMES Test

12. ECOLOGICAL INFORMATION

Ecotoxicity

Iprodione (36734-19-7)				
Active Ingredient(s)	Duration	Species	Value	Units
Iprodione	48 h EC50	Crustacea	0.7	mg/L
	72 h EC50	Algae	1.8	mg/L
	96 h LC50	Fish	3.7	mg/L
	21 d NOEC	Fish	0.26	mg/L
	21 d NOEC	Crustacea	0.17	mg/L

	96 h NOEC	Algae	3.2	mg/L
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Persistence and degradability No information available.

Bioaccumulation No information available.

Other Adverse Effects No information available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

Contaminated Packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Packaging Type Bulk, Non-Bulk

DOT This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

TDG Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

UN/ID no UN3077

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s.

Hazard class 9

Packing Group III

Marine Pollutant Iprodione.

Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Iprodione), 9, PG III, Marine Pollutant

IMDG/IMO

UN/ID no UN3077

Proper Shipping Name Environmentally hazardous substance, solid, n.o.s.

Hazard class 9

Packing Group III

Marine Pollutant Iprodione

EmS No. F-A, S-F

Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Iprodione), 9, PG III, Marine Pollutant

ICAO/IATA

UN/ID no UN3077

Hazard class 9

Packing Group III

Marine Pollutant Iprodione

Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Iprodione), 9, PG III, Marine Pollutant

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)	NZIoC (New Zealand)
Synthetic amorphous silica 112926-00-8	-	X	-	X	X	X	X	X	X

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Iprodione 36734-19-7	-	-	X	-	X	X	-	X	X
Sodium lignosulfonate 8061-51-6	X	X	-	X	X	X	X	X	X
Kaolinitic clay 999999-99-4	-	-	X	-	-	-	-	-	-
Nonylphenol ethoxylate 68412-54-4	X	X	X	-	X	X	X	X	X

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

Japan

Chemical name	Dangerous Substances	organic solvents	Harmful Substances Whose Names Are to be Indicated on the Label	Pollution Release and Transfer Registry (Class II):	Pollution Release and Transfer Registry (Class I):	Poisonous and Deleterious Substances Control Law
Synthetic amorphous silica	>=0.1 %	Not applicable	X			
Iprodione	Not applicable	Not applicable	Not applicable		168	
Nonylphenol ethoxylate	Not applicable	Not applicable	Not applicable		410	

16. OTHER INFORMATION

Revision date: 2016-05-26
Reason for revision: Initial Release.

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End of Safety Data Sheet