## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical product name : PREVATHON FL 5 (M)

Supplier's company name, address and phone number

Company name of supplier : FMC Chemicals KK

Address : 1-1, Otemachi 1-chome

Chiyoda-ku, Tokyo 100-0004

E-mail address : SDS-Info@fmc.com

Emergency telephone : For leak, fire, spill or accident emergencies, call:

045-224-4303 (HAZMAT Emergency Response Centre)

Medical emergency: 03 5208 1010

Recommended use of the chemical and restrictions on use

Recommended use : Can be used as insecticide only.

Restrictions on use : Use as recommended by the label.

### 2. HAZARDS IDENTIFICATION

**GHS** classification of chemical product

Short-term (acute) aquatic

Category 1

hazard

Long-term (chronic) aquatic

hazard

Category 1

**GHS** label elements

Hazard pictograms

¥2>

Signal Word : Warning

Hazard Statements : H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements : Prevention:

P273 Avoid release to the environment.

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Response:

P391 Collect spillage.

Disposal:

P501 Dispose of contents/ container to an approved waste

disposal plant.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)	ENCS/ISHL
			number
Chlorantraniliprole	500008-45-7	5	

4. FIRST AID MEASURES

General advice : Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.

Get medical attention if irritation develops and persists.

In case of eye contact : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Most important symptoms and effects, both acute and

delayed

None known.

aciayea

Notes to physician : Treat symptomatically.

It may be helpful to show this safety data sheet to physician.

### 5. FIRE-FIGHTING MEASURES

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Suitable extinguishing media : Carbon dioxide (CO2)

Water spray Dry chemical

Foam

Unsuitable extinguishing

media

High volume water jet

Specific hazards during fire

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion prod-

ucts

Thermal decomposition can lead to release of irritating gases

and vapors.

Nitrogen oxides (NOx)

Carbon oxides
Bromine compounds
Chlorine compounds

Sulfur oxides

Specific extinguishing meth-

ods

Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

#### 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for

containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

#### 7. HANDLING AND STORAGE

Handling

Advice on protection against

fire and explosion

Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Dispose of rinse water in accordance with local and national

regulations.

Avoidance of contact : Strong oxidizing agents

Strong acids and strong bases

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Hygiene measures : Wash hands before breaks and at the end of workday.

**Storage** 

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Threshold limit value and permissible exposure limits for each component in the work environment

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : In case of mist, spray or aerosol exposure wear suitable per-

sonal respiratory protection and protective suit.

Hand protection

Material : Wear chemical resistant gloves, such as barrier laminate,

butyl rubber or nitrile rubber.

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Skin and body protection : Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Viscous aqueous suspension

Color : light brown

Odor : No data available

Odor Threshold : No data available

Boiling point/boiling range : No data available

## PREVATHON FL 5 (M)



Version **Revision Date:** SDS Number: Date of last issue: -

2022/04/26 50000115 Date of first issue: 2022/04/26 1.0

Lower explosion limit and upper explosion limit / flammability limit

Upper explosion limit / Upper : No data available

flammability limit

Lower explosion limit / Lower

flammability limit

No data available

Flash point No data available

рΗ

Concentration: 10 g/l

Solubility(ies)

Water solubility 1.023 g/l dispersible (20 °C)

Partition coefficient: n-

octanol/water

log Pow: 2.76 (20 °C)

Vapor pressure No data available

Density and / or relative density

Relative density 1.02 (25 °C)

Relative vapor density No data available

### 10. STABILITY AND REACTIVITY

Reactivity No decomposition if stored and applied as directed.

Chemical stability No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

No decomposition if stored and applied as directed.

Conditions to avoid Protect from frost, heat and sunlight.

Incompatible materials Strong oxidizing agents

Strong acids and strong bases

Hazardous decomposition

products

Carbon oxides

Nitrogen oxides (NOx)

#### 11. TOXICOLOGICAL INFORMATION

### **Acute toxicity**

Not classified based on available information.

**Product:** 

Acute oral toxicity LD50 (Rat): > 5,000 mg/kg

> Method: OECD Test Guideline 425 Remarks: (Data on the product itself)

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Acute inhalation toxicity : Remarks: No data is available on the product itself.

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

Method: OECD Test Guideline 402 Remarks: (Data on the product itself)

**Components:** 

**Chlorantraniliprole:** 

Acute oral toxicity : LD50 (Rat, female): > 5,000 mg/kg

Method: OECD Test Guideline 425

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.1 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg

Method: OECD Test Guideline 402

Skin corrosion/irritation

Not classified based on available information.

**Product:** 

Species : Rabbit

Method : OECD Test Guideline 404

Result : slight irritation

Remarks : (Data on the product itself)

Components:

**Chlorantraniliprole:** 

Species : Rabbit

Method : OECD Test Guideline 404

Result : No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

**Product:** 

Species : Rabbit Result : slight irritation

Method : OECD Test Guideline 405 Remarks : (Data on the product itself)

Components:

**Chlorantraniliprole:** 

Species : Rabbit

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Result : No eye irritation

Method : OECD Test Guideline 405

### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

**Product:** 

Test Type : Buehler Test Species : Guinea pig

Method : OECD Test Guideline 406

Result : Animal test did not cause sensitization by skin contact.

Remarks : (Data on the product itself)

### **Components:**

### **Chlorantraniliprole:**

Test Type : Maximization Test

Species : Guinea pig

Method : OECD Test Guideline 406

Result : Does not cause skin sensitization.

Local lymph node assay (LLNA)

: mice

: OECD Test Guideline 429

: Does not cause skin sensitization.

#### Germ cell mutagenicity

Not classified based on available information.

#### Components:

### **Chlorantraniliprole:**

Genotoxicity in vitro : Test Type: reverse mutation assay

Metabolic activation: with and without metabolic activation

Result: negative

Test Type: In vitro mammalian cell gene mutation test

Test system: Chinese hamster ovary cells Method: OECD Test Guideline 476

Result: negative

Genotoxicity in vivo : Test Type: Mammalian bone marrow sister chromatid ex-

change

Species: Mouse

Method: OECD Test Guideline 474

Result: negative

Germ cell mutagenicity -

Assessment

Weight of evidence does not support classification as a germ

cell mutagen.

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

### Carcinogenicity

Not classified based on available information.

#### **Components:**

### **Chlorantraniliprole:**

Species : Rat, male and female

Application Route : Oral Exposure time : 2 Years

NOAEL : 805 - 1,076 mg/kg bw/day Method : OECD Test Guideline 453

Result : negative

Species : Mouse, male and female

Application Route : Oral

Exposure time : 18 month(s)

NOAEL : 158 - 1,155 mg/kg bw/day Method : OECD Test Guideline 453

Result : negative

Carcinogenicity - Assess-

ment

: Animal testing did not show any carcinogenic effects.

#### Reproductive toxicity

Not classified based on available information.

### **Components:**

### Chlorantraniliprole:

Effects on fertility : Test Type: Two-generation study

Species: Rat, male and female

Application Route: Oral

General Toxicity Parent: NOAEL: 20,000 ppm General Toxicity F1: NOAEL: 20,000 ppm Method: OECD Test Guideline 416

Result: negative

Effects on fetal development : Test Type: Pre-natal

Species: Rat

**Application Route: Oral** 

Duration of Single Treatment: 6 - 20 d

General Toxicity Maternal: NOEL: 1,000 mg/kg bw/day Developmental Toxicity: NOEL: 1,000 mg/kg bw/day

Method: OECD Test Guideline 414

Result: negative

Reproductive toxicity - As-

sessment

Weight of evidence does not support classification for repro-

ductive toxicity

#### STOT-single exposure

Not classified based on available information.

### **Product:**

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Assessment : The substance or mixture is not classified as specific target

organ toxicant, single exposure.

**Components:** 

**Chlorantraniliprole:** 

Remarks : No significant adverse effects were reported

STOT-repeated exposure

Not classified based on available information.

**Product:** 

Assessment : The substance or mixture is not classified as specific target

organ toxicant, repeated exposure.

Repeated dose toxicity

Components:

**Chlorantraniliprole:** 

Species : Rat, male and female NOEL : 1188 - 1526 mg/kg

Application Route : Oral Exposure time : 90 days

Method : OECD Test Guideline 408

**Aspiration toxicity** 

Not classified based on available information.

**Components:** 

**Chlorantraniliprole:** 

The substance does not have properties associated with aspiration hazard potential.

**Further information** 

**Product:** 

Remarks : No data available

12. ECOLOGICAL INFORMATION

**Ecotoxicity** 

**Components:** 

Chlorantraniliprole:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 13.8 mg/l

Exposure time: 96 h

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0.0116 mg/l

Exposure time: 48 h

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Toxicity to algae/aquatic

plants

: ErC50 (Pseudokirchneriella subcapitata (green algae)): > 2

mg/l

Exposure time: 120 h

EC50 (Lemna gibba (duckweed)): > 2 mg/l

Exposure time: 14 d

NOEC (Lemna gibba (duckweed)): 2 mg/l

Exposure time: 14 d

M-Factor (Acute aquatic tox-

icity)

10

Toxicity to fish (Chronic tox-

icity)

NOEC (Cyprinodon variegatus (sheepshead minnow)): 1.28

mg/l

Exposure time: 36 d

NOEC (Oncorhynchus mykiss (rainbow trout)): 0.110 mg/l

Exposure time: 28 d

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

NOEC (Daphnia magna (Water flea)): 0.00447 mg/l

Exposure time: 21 d

M-Factor (Chronic aquatic

toxicity)

10

Toxicity to soil dwelling or-

ganisms

LC50 (Eisenia fetida (earthworms)): > 1,000 mg/kg

Exposure time: 14 d

Toxicity to terrestrial organ-

isms

LD50 (Apis mellifera (bees)): >0.005

Exposure time: 48 h

End point: Acute oral toxicity

LD50 (Apis mellifera (bees)): >0.0274

Exposure time: 48 h

End point: Acute contact toxicity

LD50 (Colinus virginianus (Bobwhite quail)): > 2,250 mg/kg

LC50 (Anas platyrhynchos (Mallard duck)): > 5,620 ppm

LD50 (Poephila guttata (zebra finch)): > 2,250 mg/kg

### Persistence and degradability

### **Components:**

**Chlorantraniliprole:** 

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life (DT50): 10 d pH: 9

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

#### Bioaccumulative potential

#### **Components:**

Chlorantraniliprole:

Bioaccumulation : Species: Lepomis macrochirus (Bluegill sunfish)

Bioconcentration factor (BCF): 15

Partition coefficient: n-

octanol/water

log Pow: 2.86 (20 °C)

pH: 7

### Mobility in soil

### **Components:**

**Chlorantraniliprole:** 

Distribution among environmental compartments

Koc: 244 - 464 Remarks: immobile

## Hazardous to the ozone layer

Not applicable

#### Other adverse effects

#### **Product:**

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Very toxic to aquatic life with long lasting effects.

#### 13. DISPOSAL CONSIDERATIONS

#### **Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

#### 14. TRANSPORT INFORMATION

#### International Regulations

**UNRTDG** 

UN number : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(Chlorantraniliprole)

Class : 9

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

Packing group : III Labels : 9

IATA-DGR

UN/ID No. : UN 3082

Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.

(Chlorantraniliprole)

Class : 9 Packing group : III

Labels : Miscellaneous

Packing instruction (cargo

aircraft)

Packing instruction (passen- : 964

ger aircraft)

Environmentally hazardous : yes

**IMDG-Code** 

UN number : UN 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

964

(Chlorantraniliprole)

Class : 9
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Marine pollutant : yes

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### **Domestic regulation**

Refer to section 15 for specific national regulation.

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 15. REGULATORY INFORMATION

#### **Related Regulations**

#### **Fire Service Law**

Not applicable

#### **Chemical Substance Control Law**

Not relevant

### **Industrial Safety and Health Law**

#### **Harmful Substances Prohibited from Manufacture**

Not applicable

### **Harmful Substances Required Permission for Manufacture**

Not applicable

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

### **Substances Prevented From Impairment of Health**

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 2: Information on Existing Chemicals having Mutagenicity

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 1: Information on Notified Substances having Mutagenicity

Not applicable

**Substances Subject to be Notified Names** 

Not applicable

**Substances Subject to be Indicated Names** 

Not applicable

Ordinance on Prevention of Hazards Due to Specified Chemical Substances

Not applicable

**Ordinance on Prevention of Lead Poisoning** 

Not applicable

Ordinance on Prevention of Tetraalkyl Lead Poisoning

Not applicable

**Ordinance on Prevention of Organic Solvent Poisoning** 

Not applicable

Enforcement Order of the Industrial Safety and Health Law - Attached table 1 (Dangerous Substances)

Not applicable

**Poisonous and Deleterious Substances Control Law** 

Not applicable

Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

Not applicable

**High Pressure Gas Safety Act** 

Not applicable

**Explosive Control Law** 

Not applicable

**Vessel Safety Law** 

Not regulated as a dangerous good

**Aviation Law** 

Not regulated as a dangerous good

Marine Pollution and Sea Disaster Prevention etc Law

Bulk transportation : Noxious liquid substance(Category Z)

Pack transportation : Classified as marine pollutant

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

#### **Water Pollution Control Law**

Designated substance (Law Art. 2-4, Enforcement Order Art. 3-3)

### Waste Disposal and Public Cleansing Law

Industrial waste

### The ingredients of this product are reported in the following inventories:

TCSI : Not in compliance with the inventory

TSCA : Product contains substance(s) not listed on TSCA inventory.

AIIC : Not in compliance with the inventory

DSL : This product contains the following components that are not

on the Canadian DSL nor NDSL.

3-BROMO-4'-CHLORO-1-(3-CHLORO-2-PYRIDYL)-2'-METHYL-6'-(METHYLCARBAMOYL)-1H-PYRAZOLE-5-

**CARBOXANILIDE** 

dioxosilane; oxo(oxoalumanyloxy)alumane; hydrate

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : Not in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : Not in compliance with the inventory

NZIoC : Not in compliance with the inventory

TECI: Not in compliance with the inventory

#### **16. OTHER INFORMATION**

Contact department/person for inquiry in a risk of acute poisoning: Japan Poison Information Centre Poison #110

Citizen's Telephone Osaka 072-727-2499 (Free Information Fee) 24 hours a day,

365 days a year

Tsukuba 029-852-9999 (free information fee) 365 days 9-21

o'clock

Pay-in Telephone for Medical Institu-

Osaka 072-726-9923 (2,000 yen per case) 24 hours a day,

365 days a year

## PREVATHON FL 5 (M)



Version Revision Date: SDS Number: Date of last issue: -

1.0 2022/04/26 50000115 Date of first issue: 2022/04/26

tions Tsukuba 029-851-9999 (2,000 yen per case) 365 days 9-21

o'clock

Date format : yyyy/mm/dd

#### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China: IMDG - International Maritime Dangerous Goods: IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization: KECI - Korea Existing Chemicals Inventory: LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

#### Disclaimer

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. You can contact FMC Corporation to insure that this document is the most current available from FMC Corporation. No warranty of fitness for any particular purpose, warranty of merchantability or any other warranty, expressed or implied, is made concerning the information provided herein. The information provided herein relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. The user is responsible for determining whether the product is fit for a particular purpose and suitable for the user's conditions and methods of use. Since the conditions and methods of use are beyond the control of FMC Corporation, FMC Corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the products or reliance on such information.

JP / EN