

SAFETY DATA SHEET



Benevia® 200 SC

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	2024/08/08	50000117	Date of first issue: 2024/08/08

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Benevia® 200 SC

Recommended use of the chemical and restrictions on use

Recommended use : Insecticide

Restrictions on use : Use as recommended by the label.

Manufacturer or supplier's details

Company : FMC Vietnam Company Limited

Address : No.12, Lot B, Thong Nhat Road
Song Than 2 Industrial Zone, Di An Ward
Di An Town, Binh Duong Province
Vietnam

Telephone : +842743790503

Telefax : +842743790501

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

Emergency telephone : For leak, fire, spill or accident emergencies, call:
+(84)-444581938 (CHEMTREC Vietnam)

Medical emergency:
All other countries: +1 651 / 632-6793 (Collect)


2. HAZARDS IDENTIFICATION

GHS Classification

Short-term (acute) aquatic hazard : Category 1

Long-term (chronic) aquatic hazard : Category 1

GHS label elements

Hazard pictograms : 

Signal Word : WARNING

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

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

Precautionary Statements : **Prevention:**
P273 Avoid release to the environment.
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)
Cyantraniliprole	736994-63-1	>= 15 -< 25

4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this material safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : Move to fresh air.
If unconscious, place in recovery position and seek medical advice.
If experiencing any discomfort, immediately remove from exposure. Light cases: Keep person under surveillance. Get medical attention immediately if symptoms develop. Serious cases: Get medical attention immediately or call for an ambulance.

In case of skin contact : If on clothes, remove clothes.
If on skin, rinse well with water.
Wash off with soap and plenty of water.
Get medical attention immediately 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.

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

If swallowed	: Do not induce vomiting without medical advice. 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.
Protection of first-aiders	: Avoid inhalation, ingestion and contact with skin and eyes.
Notes to physician	: Treat symptomatically. Immediate medical attention is required in case of ingestion.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Dry chemical, CO2, water spray or regular 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 products	: Fire may produce irritating, corrosive and/or toxic gases. Bromine compounds Nitrogen oxides (NOx) Carbon oxides Chlorinated compounds Hydrogen chloride Hydrogen cyanide
Specific extinguishing methods	: Remove undamaged containers from fire area if it is safe to do so. Use a water spray to cool fully closed containers. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. 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	: Firefighters should wear protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Evacuate personnel to safe areas. Do not touch or walk through the spilled material. If it can be safely done, stop the leak. Ensure adequate ventilation.
---	---

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Never return spills in original containers for re-use.
Collect as much of the spill as possible with a suitable absorbent material.
Pick up and transfer to properly labeled containers.
Keep in suitable, closed containers for disposal.
- Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

- 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 application area.
Dispose of rinse water in accordance with local and national regulations.
- 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 storage conditions : Store in closed, labelled containers. The storage room should be constructed of incombustible material, closed, dry, ventilated and with impermeable floor, without access of unauthorised persons or children. The room should only be used for storage of chemicals. Food, drink, feed and seed should not be present. A hand wash station should be available.
- Materials to avoid : Do not store near acids.
- Further information on storage stability : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

	approved filter.
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.
Protective measures	: Plan first aid action before beginning work with this product. Always have on hand a first-aid kit, together with proper instructions. Wear suitable protective equipment. When using do not eat, drink or smoke. In the context of professional plant protection use as recommended, the end user must refer to the label and the instructions for use.
Hygiene measures	: Avoid contact with skin, eyes and clothing. Do not inhale aerosol. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Form	: liquid
Color	: off-white
Odor	: odorless
Odor Threshold	: No data available
pH	: 4,42 - 4,46 Method: CIPAC MT 75.3 In a 1% aqueous dispersion
Melting point/freezing point	: No data available

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

Boiling point/boiling range	: No data available
Flash point	: > 98 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Self-ignition	: > 800 °C
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: 1,086
Density	: 1,086 g/cm3
Solubility(ies)	
Water solubility	: suspendable
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: 1.916 mPa.s (20 °C) Method: CIPAC MT 192 30 rpm 1.588 mPa.s (40 °C) Method: CIPAC MT 192 30 rpm
Viscosity, kinematic	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: Non-oxidizing

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

Surface tension	: 33,3 mN/m, 22,5 °C
Molecular weight	: Not applicable
Particle size	: No data available
Particle Size Distribution	: D50 = 1,37 µm D90 = 3,48 µm Measurement method: CIPAC MT 187

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 reactions	: No decomposition if stored and applied as directed.
Conditions to avoid	: Avoid extreme temperatures. Avoid formation of aerosol. Protect from frost, heat and sunlight. Heating of the mixture may evolve harmful and irritant vapours.
Incompatible materials	: Avoid strong acids, bases, and oxidizers.
Hazardous decomposition products	: Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Based on available data, the classification criteria are not met.

Product:

Acute oral toxicity	: LD50 (Rat): > 5.000 mg/kg Method: OECD Test Guideline 425 Assessment: The substance or mixture has no acute oral toxicity Remarks: no mortality
Acute inhalation toxicity	: LC50 (Rat, male and female): > 3,7 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhalation toxicity Remarks: no mortality Highest attainable concentration.

SAFETY DATA SHEET



Benevia® 200 SC

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	2024/08/08	50000117	Date of first issue: 2024/08/08

Acute dermal toxicity : LD50 (Rat): > 5.000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

Components:

Cyantraniliprole:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg
Method: OECD Test Guideline 425
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): > 5,2 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 5.000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Product:

Assessment : Not classified as irritant
Method : OECD Test Guideline 404
Result : No skin irritation

Components:

Cyantraniliprole:

Species : Rabbit
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : No skin irritation

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Product:

Species : Rabbit
Result : No eye irritation
Assessment : No eye irritation
Method : OECD Test Guideline 405

SAFETY DATA SHEET



Benevia® 200 SC

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	2024/08/08	50000117	Date of first issue: 2024/08/08

Components:

Cyantraniliprole:

Species	:	Rabbit
Result	:	No eye irritation
Method	:	OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization

Based on available data, the classification criteria are not met.

Respiratory sensitization

Based on available data, the classification criteria are not met.

Product:

Test Type	:	Local lymph node test
Species	:	Mouse
Assessment	:	Not a skin sensitizer.
Method	:	OECD Test Guideline 429
Result	:	Did not cause sensitization on laboratory animals.

Components:

Cyantraniliprole:

Test Type	:	Local lymph node test
Method	:	OECD Test Guideline 429
Result	:	Does not cause skin sensitization.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Product:

Genotoxicity in vitro	:	Test Type: Ames test
		Metabolic activation: with and without metabolic activation
		Method: OECD Test Guideline 471
		Result: negative
		GLP: yes

Components:

Cyantraniliprole:

Germ cell mutagenicity - Assessment	:	Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
-------------------------------------	---	---

Carcinogenicity

Based on available data, the classification criteria are not met.

Components:

Cyantraniliprole:

Carcinogenicity - Assess-	:	Weight of evidence does not support classification as a car-
---------------------------	---	--

SAFETY DATA SHEET



Benevia® 200 SC

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	2024/08/08	50000117	Date of first issue: 2024/08/08

ment

cinogen

Reproductive toxicity

Based on available data, the classification criteria are not met.

Components:

Cyantraniliprole:

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

STOT-single exposure

Based on available data, the classification criteria are not met.

Components:

Cyantraniliprole:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Components:

Cyantraniliprole:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Repeated dose toxicity

Components:

Cyantraniliprole:

Species	: Rat
NOAEL	: > 1.000 mg/kg
Application Route	: Oral
Exposure time	: 28 d
Method	: OECD Test Guideline 407
Symptoms	: increased liver weight
Remarks	: Based on available data, the classification criteria are not met.

Aspiration toxicity

Based on available data, the classification criteria are not met.

Components:

Cyantraniliprole:

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

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

Further information

Product:

Remarks : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): ca. 39 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 0,209 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: Information given is based on tests on the mixture itself.
Toxicity to algae/aquatic plants	: ErC50 (Pseudokirchneriella subcapitata (green algae)): > 66,3 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to soil dwelling organisms	: (Eisenia fetida (earthworms)): > 1.000 mg/kg Exposure time: 14 d Method: OECD Test Guideline 216 Remarks: No significant adverse effect on Nitrogen mineralization. Method: OECD Test Guideline 217 Remarks: No significant adverse effect on Carbon mineralization.
Toxicity to terrestrial organisms	: LD50 (Apis mellifera (bees)): 9,5 µg/bee Exposure time: 72 h End point: Acute contact toxicity Method: OECD Test Guideline 214 LD50 (Apis mellifera (bees)): 2,45 µg/bee Exposure time: 72 h End point: Acute oral toxicity Method: OECD Test Guideline 213

Components:

Cyantraniliprole:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): > 12,6 mg/l Exposure time: 96 h
------------------	--

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

		LC50 (<i>Ictalurus punctatus</i> (channel catfish)): > 10 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (<i>Daphnia magna</i> (Water flea)): 0,0204 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (<i>Pseudokirchneriella subcapitata</i> (green algae)): > 13 mg/l Exposure time: 72 h
		ErC50 (<i>Lemna gibba</i> (duckweed)): 0,278 mg/l Exposure time: 7 d
		EyC50 (<i>Lemna gibba</i> (duckweed)): 0,060 mg/l Exposure time: 7 d
M-Factor (Acute aquatic toxicity)	:	10
Toxicity to fish (Chronic toxicity)	:	NOEC (<i>Cyprinodon variegatus</i> (sheepshead minnow)): 2,9 mg/l Exposure time: 28 d
		NOEC (<i>Oncorhynchus mykiss</i> (rainbow trout)): 0,11 mg/l Exposure time: 21 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (<i>Daphnia magna</i> (Water flea)): 0,00656 mg/l Exposure time: 21 d
		NOEC (<i>Daphnia magna</i> (Water flea)): 0,00969 mg/l Exposure time: 21 d
		NOEC (<i>Daphnia magna</i> (Water flea)): 0,00447 mg/l Exposure time: 21 d
M-Factor (Chronic aquatic toxicity)	:	10
Toxicity to soil dwelling organisms	:	LC50 (<i>Eisenia fetida</i> (earthworms)): > 1.000 mg/kg Exposure time: 14 d
Toxicity to terrestrial organisms	:	LD50 (<i>Apis mellifera</i> (bees)): > 0.0934 µg/bee Exposure time: 48 h End point: Acute contact toxicity
		LD50 (<i>Apis mellifera</i> (bees)): > 0.1055 µg/bee Exposure time: 48 h End point: Acute oral toxicity
		LD50 (<i>Colinus virginianus</i> (Bobwhite quail)): 2.250 mg/kg

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

Persistence and degradability

Product:

Biodegradability : Remarks: No data is available on the product itself.

Components:

Cyantraniliprole:

Biodegradability : Remarks: Not readily biodegradable.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data is available on the product itself.

Components:

Cyantraniliprole:

Bioaccumulation : Species: *Lepomis macrochirus* (Bluegill sunfish)
Bioconcentration factor (BCF): < 1
Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 1,97 (22 °C)
pH: 4

log Pow: 2,07 (22 °C)
pH: 7

log Pow: 1,74 (22 °C)
pH: 9

Mobility in soil

Product:

Distribution among environmental compartments : Remarks: No data is available on the product itself.

Components:

Cyantraniliprole:

Distribution among environmental compartments : Koc: 241 ml/g, log Koc: 2,38
Remarks: Mobile in soils

Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET



Benevia® 200 SC

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	2024/08/08	50000117	Date of first issue: 2024/08/08

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 chemical or used container.
Send to a licensed waste management company. |
| Contaminated packaging | : | Empty remaining contents.
Do not re-use empty containers.
Packaging that is not properly emptied must be disposed of as the unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal. |

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

- | | | |
|---------------------------|---|---|
| UN number | : | UN 3082 |
| Proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Cyantraniliprole) |
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | 9 |
| Environmentally hazardous | : | yes |

IATA-DGR

- | | | |
|--|---|---|
| UN/ID No. | : | UN 3082 |
| Proper shipping name | : | Environmentally hazardous substance, liquid, n.o.s.
(Cyantraniliprole) |
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | Miscellaneous |
| Packing instruction (cargo aircraft) | : | 964 |
| Packing instruction (passenger aircraft) | : | 964 |
| Environmentally hazardous | : | yes |

IMDG-Code

- | | | |
|----------------------|---|---|
| UN number | : | UN 3082 |
| Proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Cyantraniliprole) |
| Class | : | 9 |
| Packing group | : | III |
| Labels | : | 9 |
| EmS Code | : | F-A, S-F |
| Marine pollutant | : | yes |

SAFETY DATA SHEET



Benevia® 200 SC

Version 1.0	Revision Date: 2024/08/08	SDS Number: 50000117	Date of last issue: - Date of first issue: 2024/08/08
----------------	------------------------------	-------------------------	--

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

Not applicable for product as supplied.

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

Safety, health and environmental regulations/legislation specific for the substance or mixture

Law on Chemicals No. 06/2007/QH12

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

TCSI	: On the inventory, or 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. Cyantraniliprole Palygorskite
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

Revision Date	: 2024/08/08
Date format	: yyyy/mm/dd

Full text of other abbreviations

SAFETY DATA SHEET



Benevia® 200 SC

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	2024/08/08	50000117	Date of first issue: 2024/08/08

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.

VN / EN