# **SAFETY DATA SHEET**

**Brigade® 2EC Insecticide** 

SDS #: 6196-1-A

**Revision date: 2016-05-26** 

Format: NA Version 1.02



# 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier** 

Product Name Brigade® 2EC Insecticide

Other means of identification

Product Code(s) 6196-1-A

Synonyms BIFENTHRIN: (2-methyl[1,1'-biphenyl]-3-yl)methyl

3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate (CAS name);

2-methylbiphenyl-3-ylmethyl

(Z)-(1RS)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate

(IUPAC name)

Active Ingredient(s) Bifenthrin

**Alternate Commercial Name** 

PCP#

Capture 240 EC Insecticide

31396

Recommended use of the chemical and restrictions on use

Recommended Use: Insecticide

**Restrictions on Use:** Use as recommended by the label

Manufacturer Address

FMC Corporation 2929 Walnut Street Philadelphia, PA 19104

(215) 299-6000 (General Information)

msdsinfo@fmc.com (E-Mail General Information)

Emergency telephone number

Medical Emergencies:

1 800 / 331-3148 (PROSAR - U.S.A. & Canada)

1 651 / 632-6793 (PROSAR - All Other Countries - Collect)

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)

### 2. HAZARDS IDENTIFICATION

#### Classification

### **OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin sensitization	Category 1

Version 1.02

Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 3

## GHS Label elements, including precautionary statements

#### **EMERGENCY OVERVIEW**

#### Danger

# **Hazard Statements**

- H301 Toxic if swallowed
- H304 May be fatal if swallowed and enters airways
- H317 May cause an allergic skin reaction
- H332 Harmful if inhaled
- H351 Suspected of causing cancer
- H370 Causes damage to organs
- H372 Causes damage to organs through prolonged or repeated exposure

#### Physical Hazards

H226 - Flammable liquid and vapor



### **Precautionary Statements - Prevention**

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P281 Use personal protective equipment as required
- P264 Wash face, hands and any exposed skin thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P271 Use only outdoors or in a well-ventilated area
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves
- P260 Do not breathe dust/fume/gas/mist/vapors/spray
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 Keep container tightly closed
- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilating/lighting equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge

# **Precautionary Statements - Response**

- P308 + P311 If exposed or concerned: Call a POISON CENTER or doctor
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention
- P363 Wash contaminated clothing before reuse
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 Call a POISON CENTER or doctor if you feel unwell
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P331 Do NOT induce vomiting
- P330 Rinse mouth
- P370 + P378 In case of fire: Use Foam. Carbon dioxide (CO2). Dry chemical. Water spray or fog for extinction

## **Precautionary Statements - Storage**

- P405 Store locked up
- P403 + P235 Store in a well-ventilated place. Keep cool

Version 1.02

### **Precautionary Statements - Disposal**

P501 - Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

#### Other Information

Very toxic to aquatic life with long lasting effects.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight %
Bifenthrin	82657-04-3	25.1
Naphtha (petroleum), heavy aromatic	64742-94-5	50-60
Pseudocumene	95-63-6	<20
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	<1
Petroleum distillates, solvent dewaxed light paraffinic	64742-56-9	<5
Cumene	98-82-8	<1

Synonyms are provided in Section 1.

1	FID	T2	MEA	SI	IRFS
4	FIR			-	IR II 3

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 victim 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.

Immediately call a poison control center or doctor. Do not induce vomiting unless told to do

so by a poison control center or doctor. Do not give any liquid to the person. Do not induce

vomiting or give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Central nervous system effects. Allergic skin reactions.

Indication of immediate medical attention and special treatment needed, if necessary

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats,

oils, or alcohol may increase absorption and so should be avoided.

# 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray or fog.

**Specific Hazards Arising from the** 

Chemical

Combustible liquid

Hazardous Combustion Products Carbon oxides (COx), Hydrogen chloride, Hydrogen fluoride.

**Explosion data** 

Sensitivity to Mechanical Impact Not sensitive. Sensitivity to Static Discharge Not sensitive.

**Version** 1.02

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear. Isolate fire

area. Evaluate downwind.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Isolate and post spill area. Wear suitable protective clothing, gloves and eye/face

protection. For personal protection see section 8.

Other For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1

"Product and Company Identification" above.

**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 Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and

transfer to containers for later disposal.

Methods for cleaning up 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. Keep/store only in

original container.

Incompatible products No information available

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Pseudocumene	-	-	TWA: 25 ppm	-
(95-63-6)			TWA: 125 mg/m <sup>3</sup>	
Cumene	TWA: 50 ppm	TWA: 50 ppm	IDLH: 900 ppm	Mexico: TWA 50 ppm
(98-82-8)		TWA: 245 mg/m <sup>3</sup>	TWA: 50 ppm	Mexico: TWA 245 mg/m <sup>3</sup>
		S*	TWA: 245 mg/m <sup>3</sup>	Mexico: STEL 75 ppm
				Mexico: STEL 365 mg/m <sup>3</sup>
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
Cumene	TWA: 25 ppm	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm
(98-82-8)	STEL: 75 ppm	TWA: 246 mg/m <sup>3</sup>		TWA: 246 mg/m <sup>3</sup>

# **Appropriate engineering controls**

**Engineering measures** Apply technical measures to comply with the occupational exposure limits. Ensure

adequate ventilation, especially in confined areas. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the

recommended equipment.

Individual protection measures, such as personal protective equipment

Eye/Face Protection For dust, splash, mist or spray exposure, wear chemical protective goggles.

**Skin and Body Protection** Wear long-sleeved shirt, long pants, socks, and shoes.

Hand Protection Protective gloves

Version 1.02

Respiratory Protection For dust, splash, mist or spray exposures wear elastomeric full-face or half mask respirator

with appropriate cartridges and/or filters, which is approved for pesticides (U.S.

NIOSH/MSHA, EU CEN or comparable certification organization).

Hygiene measures Clean water 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.

**General information** If the product is used in mixtures, it is recommended that you contact the appropriate

protective equipment suppliers.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

AppearanceAmber LiquidPhysical StateLiquidColorAmber

Odor Aromatic hydrocarbon
Odor threshold No information available
pH No information available

Melting point/freezing point Not applicable

Boiling Point/Range No information available

Flash point 44 - 46 °C / 111.2 - 114.8 °F Closed cup

**Evaporation Rate**Flammability (solid, gas)
No information available
No information available

Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
Vapor pressure
Vapor density
Density

No information available
No information available
No information available
No information available
7.8 - 8.0 lb/gal. (940 - 960 g/L)

Specific gravity 0.94 - 0.96 @ 20 °C

Water solubility Emulsifies

Solubility in other solvents No information available Partition coefficient No information available No information available **Autoignition temperature** No information available **Decomposition temperature** Viscosity, kinematic No information available Viscosity, dynamic No information available **Explosive properties** No information available **Oxidizing properties** No information available Molecular weight No information available **Bulk density** No information available

### 10. STABILITY AND REACTIVITY

**Reactivity** None under normal use conditions

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid Heat, flames and sparks Incompatible materials No information available.

Hazardous Decomposition Products Carbon oxides (COx). Hydrogen chloride. Hydrogen fluoride.

# 11. TOXICOLOGICAL INFORMATION

Product Information

## **Brigade® 2EC Insecticide**

Skin corrosion/irritation

SDS #: 6196-1-A

Revision date: 2016-05-26 Version 1.02

Serious eye damage/eye irritation

Slight irritation (rabbit).

Non-irritating during normal use (rabbit).

Skin Contact >2000

Sensitization This product produces skin sensitization (allergic reaction) in laboratory animals, and may

produce similar effects in humans.

### Information on toxicological effects

Symptoms Large doses of bifenthrin ingested by laboratory animals produced signs of toxicity including

convulsions, tremors and bloody nasal discharge.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity Bifenthrin: Long-term exposure caused neurotoxicity (tremors and impaired gait) in the early

exposure in animal studies, but tremors disappeared with continued exposure

Mutagenicity Bifenthrin: Not genotoxic in animal studies

Carcinogenicity Bifenthrin: Weak treatment-related response for liver adenocarcinomas and benign bladder

tumors (lesion) in male mice

Neurological effects Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive

salivation) following acute or subchronic exposure. Tremors disappeared with continued

exposure

**Reproductive toxicity** Bifenthrin: No toxicity to reproduction in animal studies.

**Developmental toxicity**Bifenthrin: Not teratogenic in animal studies.

**Teratogenicity** Not teratogenic in animal studies.

**STOT - single exposure**Causes damage to organs. See listed target organs below.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure. See listed target

organs below.

Target organ effects Bifenthrin: Central Nervous System (CNS)

Neurological effects Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive

salivation) following acute or subchronic exposure. Tremors disappeared with continued

exposure

Aspiration hazard No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	A2	Group 1	Known	
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9	A2	Group 1	Known	
Cumene 98-82-8		Group 2B	Reasonably Anticipated	Х

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

### 12. ECOLOGICAL INFORMATION

# **Ecotoxicity**

Bifenthrin (82657-04-3)				
Active Ingredient(s)	Duration	Species	Value	Units
Bifenthrin	96 h LC50	Fish	0.1	μg/L
	72 h EC50	Algae	0.822	mg/L
	48 h EC50	Crustacea	0.11	μg/L

SDS #: 6196-1-A

**Revision date: 2016-05-26** 

**Version** 1.02

21 d NOEC	Fish	0.012	μg/L
21 d NOEC	Crustacea	0.0013	μg/L

**Persistence and degradability** Moderately persistent. Does not readily hydrolyze. Not readily biodegradable.

**Bioaccumulation** Bifenthrin: The substance has a potential for bioconcentration.

**Mobility** Immobile. Not expected to reach groundwater.

# 13. DISPOSAL CONSIDERATIONS

Waste disposal methods Pesticide wastes are toxic. 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**Containers must be disposed of in accordance with local, state and federal regulations.

Refer to the product label for container disposal instructions.

### 14. TRANSPORT INFORMATION

### DOT

UN/ID no UN3351

Proper Shipping Name Pyrethroid pesticide, liquid, toxic, flammable

Hazard class 6.1 Subsidiary class 3 Packing Group III

Special Provisions IB3, T7, TP2, TP28

**Description** UN3351, Pyrethroid pesticide, liquid, toxic, flammable, 6.1 (3), PG III

**Emergency Response Guide** 

Number

131

**TDG** 

UN/ID no UN3351

Proper Shipping Name Pyrethroid pesticide, liquid, toxic, flammable

Hazard class 6.1
Subsidiary class 3
Packing Group III
Marine Pollutant

Marine Pollutant Bifenthrin

**Description** UN3351, Pyrethroid pesticide, liquid, toxic, flammable (Bifenthrin, aromatic hydrocarbons),

6.1 (3), PG III

UN/ID no UN3351
Hazard class 6.1
Subsidiary class 3
Packing Group III

Description UN3351, PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE\* SOLUTION

(Bifenthrin, 1,2,4 Trimethylbenzenes), 6.1 (3), PG III

**ICAO** 

UN/ID no UN3351
Hazard class 6.1
Subsidiary Hazard Class 3
Packing Group III

Description UN3351, PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE\* SOLUTION, 6.1 (3),

PG III

ICAO/IATA

UN/ID no UN3351

Proper Shipping Name Pyrethroid pesticide, liquid, toxic, flammable

## **Brigade® 2EC Insecticide**

SDS #: 6196-1-A

Revision date: 2016-05-26 Version 1.02

Ve

Hazard class 6.1
Subsidiary Hazard Class 3
Packing Group III
Special Provisions A3, A4

**Description** UN3351, Pyrethroid pesticide, liquid, toxic, flammable (Bifenthrin, aromatic hydrocarbons),

6.1 (3), PG III

Limited quantity 2 L

IMDG/IMO

UN/ID no UN3351

Proper Shipping Name Pyrethroid pesticide, liquid, toxic, flammable

Hazard class 6.1
Subsidiary Hazard Class 3
Packing Group III
EmS No. F-E, S-D
Marine Pollutant Bifenthrin

**Description** UN3351, Pyrethroid pesticide, liquid, toxic, flammable (Bifenthrin, aromatic hydrocarbons),

6.1 (3), PG III (42°C c.c.)

UN/ID no UN3351
Hazard class 6.1
Packing Group III
Classification code TF2

Description UN3351, PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE\* (Bifenthrin, 1,2,4

Trimethylbenzenes), 6.1 (3), PG III

ADR/RID-Labels 3

ADR/RID

UN/ID no UN3351
Hazard class 6.1
Packing Group III
Classification code TF2
Tunnel restriction code (D/E)
Special Provisions 61, 274

Description UN3351, PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE\* (Bifenthrin, 1,2,4

Trimethylbenzenes), 6.1 (3), PG III, (D/E)

ADN

Hazard class 6.1
Packing Group III
Classification code TF2
Special Provisions 274, 61, 802
Hazard Labels 3
Limited quantity LQ7

Ventilation VE01, VE02

## 15. REGULATORY INFORMATION

# **U.S. Federal Regulations**

# **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Bifenthrin - 82657-04-3	82657-04-3	25.1	1.0
Pseudocumene - 95-63-6	95-63-6	<20	1.0
Cumene - 98-82-8	98-82-8	<1	1.0

SARA 311/312 Hazard Categories

Acute health hazard Yes
Chronic health hazard Yes
Fire hazard Yes
Sudden release of pressure hazard No

Version 1.02

#### **Reactive Hazard**

No

### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylenes 1330-20-7	100 lb			X

# **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
n-Butanol	5000 lb	
71-36-3	2270 kg	
Xylenes	100 lb	
1330-20-7	45.4 kg	
Cumene	5000 lb	
98-82-8	2270 kg	

#### FIFRA Information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

### Warning

May be fatal if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation.

This pesticide is extremely toxic to fish and aquatic invertebrates.

# **US State Regulations**

# **California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Prop. 65
Cumene - 98-82-8	Carcinogen

#### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Bifenthrin	X		
82657-04-3			
Pseudocumene	X	X	X
95-63-6			
Petroleum distillates, solvent		X	
dewaxed light paraffinic			
64742-56-9			
Cumene	X	X	X
98-82-8			

# **International Inventories**

Chemical name	TSCA	DSL	EINECS/ELINC	ENCS	China	KECL (Korea)		AICS
	(United	(Canada)	S (Europe)	(Japan)	(IECSC)		(Philippines)	(Australia)
	States)							

Version 1 02

								version 1.02
Bifenthrin 82657-04-3				Х	X	Х		
Naphtha (petroleum), heavy aromatic 64742-94-5	Х	Х	X	X	X	Х	X	Х
Pseudocumene 95-63-6	Х	Х	Х	Х	X	Х	Х	Х
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	Х	Х	Х		Х	Х	Х	Х
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9	Х	Х	X		X	X	X	Х
Cumene 98-82-8	Х	Х	Х	Х	Х	Х	Х	Х

Mexico - Grade

Serious risk, Grade 3

Chemical name	Carcinogen Status	Mexico
Cumene		Mexico: TWA 50 ppm
		Mexico: TWA 245 mg/m <sup>3</sup>
		Mexico: STEL 75 ppm
		Mexico: STEL 365 mg/m <sup>3</sup>

Chemical name	Mexico - Pollutant Release and Transfer Register - Reporting Emissions for Fabrication, Process or Use -Threshold Quantities	Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities
Bifenthrin	100 2500 kg/yr	100 kg/yr
Xylenes	1000 5000 kg/yr	1000 kg/yr
Cumene	1000 5000 kg/yr	1000 kg/yr

**WHMIS Hazard Class** 

B3 - Combustible liquid D1B - Toxic materials D2A - Very toxic materials







# 16. OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 2	Instability 0	Special Hazards -
HMIS	Health Hazards 2*	Flammability 2	Physical hazard 0	Personal Protection X

<sup>\*</sup>Indicates a chronic health hazard.

Revision date: 2016-05-26

Reason for revision: (M)SDS sections updated

#### <u>Disclaime</u>

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. 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

# **Brigade® 2EC Insecticide**

**SDS #:** 6196-1-A

**Revision date: 2016-05-26** 

Version 1.02

applicable where such product is used in combination with any other materials or in any process. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, 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.

Prepared By:

FMC Logo - Trademark of FMC Corporation

© 2016 FMC Corporation. All Rights Reserved. **End of Safety Data Sheet**