

Material Safety Data Sheet

Verifi™ Bed Bug Detector

SDS # : 6945-A
Revision Date: 2012-07-02
Version 2



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

Product name	Verifi™ Bed Bug Detector
Formula	This product consists of five separate components. Below an MSDS is provided for each of the components.
<u>Manufacturer</u> FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 General Information: Phone: (215) 299-6000 E-Mail: msdsinfo@fmc.com	<u>Emergency telephone number</u> 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: (800) 331-3148 (U.S.A. & Canada) +1 (651) 632-6793 (All Other Countries - Collect)

Revision Date:	2012-07-2
Reason for revision:	Minor Revision

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Prepared By

FMC Corporation

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End of Material Safety Data Sheet

Material Safety Data Sheet

Magnesium Chloride

SDS # : 006930-A
Revision Date: 2011-09-09
Version 1



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Magnesium Chloride
Synonyms	Magnesium chloride, hexahydrate; Magnesium chloride, 6-hydrate, crystal
Supplier FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 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: (800) 331-3148 (U.S.A. & Canada) +1 (651) 632-6793 (All Other Countries - Collect)

2. Hazards identification

Appearance	colorless flakes, crystals
Physical State	Solid
Odor	odorless
Flammable properties	None known
Potential health effects	
Acute effects	
Eyes	May cause slight irritation.
Skin	Substance may cause slight skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. However, if elimination is blocked by bowel blockage or other reasons, CNS depression, lack of reflexes, hypocalcemia (deficiency of calcium in the blood) may occur.
Chronic effects	No information available.

3. Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS-No	Weight %
Magnesium Chloride	7791-18-6	100

4. First aid measures

Eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 treatment advice.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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 a 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. Do not give anything by mouth to an unconscious person.

5. Fire-fighting measures

Flammable properties None known

Special hazards arising from the substance or mixture

Sensitivity to Mechanical Impact not applicable
Sensitivity to Static Discharge not applicable

Extinguishing media

Suitable extinguishing media Water spray, Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO₂).

Advice for fire-fighters

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus and full protective gear.

NFPA

Health Hazard	1
Flammability	0
Stability	0
Special Hazards	-

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.

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 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.

Other For further clean-up instructions call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

7. Handling and storage

Handling	Do not contaminate 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 only.

8. Exposure controls/personal protection

<u>Exposure guidelines</u>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Occupational exposure controls

Engineering measures	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
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Personal protective equipment

Eye/face protection	When used according to use directions, no special eye protection is required. Handling during manufacture or in the event of an accidental release requires use of safety glasses or a face shield.
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Respiratory protection	Avoid breathing vapor or mist.
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Skin and body protection	Follow use directions. Avoid contact with skin and clothing.
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Hand protection	Protective gloves
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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.
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9. Physical and chemical properties

Appearance	colorless flakes, crystals
Color	colorless
Physical State	Solid
Odor	odorless
pH	Neutral (5% in water)
Melting Point/Range	118 °C / 244
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	not applicable
Evaporation rate	not applicable
Autoignition Temperature	not applicableE
Flammable properties	None known
Vapor pressure	not applicable
Vapor density	No information available
Specific Gravity	1.57
Relative density	No information available
Molecular Weight	203.3

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Water solubility	167g/100mL
Percent volatile	No information available
Partition coefficient:	not applicable
Viscosity	No information available
Oxidizing properties	not applicable

10. Stability and reactivity

Stability	Conversion to oxychloride upon strong ignition. When heated to temperatures above 300°C, it emits toxic fumes of chlorine gas.
Conditions to avoid	Heat, Moisture
Materials to avoid	2-Peroxy-carboxylic acid, Strong oxidizing agents
Hazardous decomposition products	Thermal decomposition can lead to release of toxic/corrosive gases and vapors: Hydrochloric acid.
Hazardous polymerization	Hazardous polymerization does not occur

11. Toxicological information

Eye contact	Product dust may cause mechanical eye irritation.
Skin contact	Substance may cause slight skin irritation.
LD50 Oral	8100 mg/kg (rat)
<u>Chronic Toxicity - Other Ingredient(s)</u>	
Chronic Toxicity	No information available
Carcinogenicity	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).

12. Ecological information

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Magnesium Chloride	2200 mg/L EC50 72 h (Desmodesmus subspicatus)	LC50 4210 mg/L Gambusia affinis 96 h LC50 1970-3880 mg/L Pimephales promelas 96 h		EC50 1400 mg/L 24 h EC50 140 mg/L 48 h

Environmental Fate

Persistence and degradability	No information available.
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13. Disposal considerations

Magnesium Chloride

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Waste disposal methods

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

not regulated

TDG

not regulated

ICAO/IATA

not regulated

IMDG/IMO

not regulated

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

International Regulations

Mexico - Grade

Slight risk, Grade 1

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

16. Other information

Revision Date: 2011-09-09
Reason for revision: New Product

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Material Safety Data Sheet

Sodium Bicarbonate

SDS # : 005574-A
Revision Date: 2011-09-14
Version 1



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Sodium Bicarbonate
Synonyms	Sodium hydrogen carbonate; sodium acid carbonate; baking soda; bicarbonate of soda
Manufacturer FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 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: (800) 331-3148 (U.S.A. & Canada) +1 (651) 632-6793 (All Other Countries - Collect)

2. Hazards identification

Appearance	white crystalline powder
Physical State	Solid
Odor	odorless
Flammable properties	None known
Potential health effects	
Acute effects	
Eyes	May cause irritation.
Skin	Substance may cause slight skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion of large amounts may cause gastrointestinal discomfort including blockage, nausea, vomiting and diarrhea.
Chronic effects	No information available.

3. Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS-No	Weight %
Sodium Bicarbonate	144-55-8	99-100

4. First aid measures

Eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 treatment advice.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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 a 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. Do not give anything by mouth to an unconscious person.

5. Fire-fighting measures

Flammable properties None known

Special hazards arising from the substance or mixture

Sensitivity to Mechanical Impact not applicable
Sensitivity to Static Discharge not applicable

Extinguishing media

Suitable extinguishing media Water spray, Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO₂).

Advice for fire-fighters

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus and full protective gear.

NFPA

Health Hazard	1
Flammability	0
Stability	0
Special Hazards	-

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.

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 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.

Other For further clean-up instructions call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

7. Handling and storage

Handling	Do not contaminate 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 only.

8. Exposure controls/personal protection

Exposure guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Occupational exposure controls	
Engineering measures	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
Personal protective equipment	
Eye/face protection	When used according to use directions, no special eye protection is required. Handling during manufacture or in the event of an accidental release requires use of safety glasses or a face shield.
Respiratory protection	Avoid breathing vapor or mist.
Skin and body protection	Follow use directions. Avoid contact with skin and clothing.
Hand protection	Protective gloves
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.

9. Physical and chemical properties

Appearance	white crystalline
Color	white
Physical State	Solid
Odor	odorless
pH	8.3
Melting Point/Range	60 °C / 140
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	not applicable
Evaporation rate	not applicable
Autoignition Temperature	not applicable
Flammable properties	None known
Vapor pressure	not applicable
Vapor density	No information available
Specific Gravity	2.2
Relative density	No information available
Water solubility	7.8%

Sodium Bicarbonate

SDS # : 005574-A

Revision Date: 2011-09-14

Version 1

Percent volatile
Partition coefficient:
Viscosity
Oxidizing properties

No information available
not applicable
No information available
not applicable

10. Stability and reactivity

Stability
Conditions to avoid
Materials to avoid
Hazardous decomposition products
Hazardous polymerization

Stable
Heat, Moisture
Acids, Monoammonium phosphate or a sodium-potassium alloy
Carbon oxides
Hazardous polymerization does not occur

11. Toxicological information

Eye contact
Skin contact
LD50 Oral
Chronic Toxicity - Other Ingredient(s)
Chronic Toxicity
Carcinogenicity

May cause irritation.
Substance may cause slight skin irritation.
4220 mg/kg (rat)

No information available
Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).

12. Ecological information

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Sodium Bicarbonate	650 mg/L EC50 120 h (Nitzschia linearis)	LC50 8250-9000 mg/L Lepomis macrochirus 96 h		EC50 2350 mg/L 48 h

Environmental Fate

Persistence and degradability

No information available.

13. Disposal considerations

Waste disposal methods

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 not regulated

TDG not regulated

ICAO/IATA not regulated

IMDG/IMO not regulated

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

International Regulations

Mexico - Grade Slight risk, Grade 1

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class Non-controlled

16. Other information

Revision Date: 2011-09-14
Reason for revision: New Product

Sodium Bicarbonate

SDS # : 005574-A

Revision Date: 2011-09-14

Version 1

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Material Safety Data Sheet

Verifi™ CO2 Booster 1

SDS # : 006937-A
Revision Date: 2012-03-09
Version 1



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Verifi™ CO2 Booster 1
Manufacturer FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 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: (800) 331-3148 (U.S.A. & Canada) +1 (651) 632-6793 (All Other Countries - Collect)

2. Hazards identification

Appearance	powder
Physical state	solid
Odor	odorless
Flammable properties	Powdered material may form explosive dust-air mixtures.
Potential health effects	
Acute effects	
Eyes	Severely irritating (eyes).
Skin	May cause irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic effects	Repeated ingestion may cause tooth enamel erosion.

3. Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS-No	Weight %
Citric Acid	5949-29-1	95-100
Amorphous silica gel	63231-67-4	1-5
Silica gel	112945-52-5	1-5

4. First aid measures

Eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 treatment advice.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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. Do not give anything by mouth to an unconscious person.

5. Fire-fighting measures

Flammable properties	Powdered material may form explosive dust-air mixtures.
Sensitivity to Mechanical Impact	not applicable
Sensitivity to Static Discharge	not applicable
Suitable extinguishing media	Water spray, Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO ₂).
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

NFPA

Health Hazard	2
Flammability	1
Stability	0
Special Hazards	-

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	Use a wet sweeping compound or water to prevent dust formation.
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.
Other	For further clean-up instructions call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

7. Handling and storage

Handling	Do not contaminate 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 only.

8. Exposure controls/personal protection

Exposure guidelines

Chemical Name	British Columbia	Quebec	Ontario TWAEV	Alberta
Amorphous silica gel 63231-67-4		TWA: 6 mg/m ³		

Occupational exposure controls

Engineering measures

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

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 protective goggles or a face-shield.

Skin and body protection

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

Hand protection

Protective gloves

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.

9. Physical and chemical properties

Appearance	powder
Physical state	solid
Odor	odorless
pH	No information available.
Melting Point/Range	No information available.
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	not applicable
Evaporation rate	not applicable
Autoignition Temperature	not applicable
Flammable properties	Powdered material may form explosive dust-air mixtures.
Vapor pressure	No information available
Vapor density	No information available
Water solubility	No information available
Percent volatile	No information available
Partition coefficient:	not applicable
Viscosity	No information available
Oxidizing properties	not applicable

10. Stability and reactivity

Stability	Stable
Conditions to avoid	Heat, flames and sparks
Materials to avoid	Metal nitrates, Bases, Potassium tartrate, Copper alloys, copper, Aluminum, Aluminium alloys, Zinc, Zinc alloys
Hazardous decomposition products	Carbon oxides.
Hazardous polymerization	Hazardous polymerization does not occur

11. Toxicological information

Eye contact	Severely irritating (eyes).
Skin contact	Substance may cause skin irritation.
LD50 Oral	3000 mg/kg (Citric acid)
<u>Chronic Toxicity - Other Ingredient(s)</u>	
Chronic Toxicity	Repeated ingestion may cause tooth enamel erosion.
Carcinogenicity	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
Target Organ Effects	Respiratory system.

12. Ecological information

Ecotoxicity

Environmental Fate

Chemical Name	log Pow
Citric Acid	-1.72

13. Disposal considerations

Waste disposal methods	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

<u>DOT</u>	not regulated
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<u>TDG</u>	not regulated
<u>ICAO/IATA</u>	not regulated
<u>IMDG/IMO</u>	not regulated

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

International Regulations

<u>Mexico - Grade</u>	Moderate risk, Grade 2
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Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class D2B Toxic materials



16. Other information

Revision Date: 2012-03-09
Reason for revision: No information available.

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End of Material Safety Data Sheet

Material Safety Data Sheet

Verifi™ Lure 1

SDS # : 6944-A
Revision Date: 2012-07-02
Version 3.03



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Verifi™ Lure 1

Manufacturer

FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103
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:
(800) 331-3148 (U.S.A. & Canada)
+1 (651) 632-6793 (All Other Countries - Collect)

2. Hazards identification

Appearance Clear, colorless liquid

Physical state liquid

Odor Gasoline-like

Flammable properties Flammable liquid

Potential health effects

Acute effects

Eyes Irritating to eyes.

Skin Irritating to skin.

Inhalation May be harmful if inhaled. May cause irritation of respiratory tract. May cause drowsiness and dizziness.

Ingestion Potential for aspiration if swallowed. May cause lung damage if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic effects Prolonged skin contact may defat the skin and produce dermatitis. May cause adverse kidney effects. May cause adverse liver effects.

3. Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS-No	Weight %
n-Nonane	111-84-2	95-100

Trans-2-octenal	2548-87-0	1-5
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4. First aid measures

Eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 treatment advice.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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. Do not give anything by mouth to an unconscious person.

5. Fire-fighting measures

<u>Flammable properties</u>	Flammable liquid
Flash Point Method	31 °C / 87.8 °F closed cup
Sensitivity to Mechanical Impact Sensitivity to Static Discharge	not applicable not applicable
Suitable extinguishing media	Water spray, Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO ₂).
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus and full protective gear.
<u>NFPA</u>	
Health Hazard	2
Flammability	3
Stability	0
Special Hazards	-

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	Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	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.
Other	For further clean-up instructions call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

7. Handling and storage

Handling	Do not contaminate 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 only.

8. Exposure controls/personal protection

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
n-Nonane 111-84-2	TWA: 200 ppm		TWA: 200 ppm TWA: 1050 mg/m ³	Mexico: TWA 200 ppm Mexico: TWA 1050 mg/m ³ Mexico: STEL 250 ppm Mexico: STEL 1300 mg/m ³
Chemical Name	British Columbia	Quebec	Ontario TWAEV	Alberta
n-Nonane 111-84-2	TWA: 200 ppm	TWA: 200 ppm TWA: 1050 mg/m ³	TWA: 200 ppm	TWA: 200 ppm TWA: 1050 mg/m ³

Occupational exposure controls

Engineering measures	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
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Personal Protective Equipment

General Information	When used according to use directions, no special eye protection is required. Handling during manufacture or in the event of an accidental release requires use of safety glasses or a face shield.
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Respiratory protection	Avoid breathing vapor or mist
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Skin and body protection	Follow use directions. Avoid contact with skin or clothing.
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Hand protection	Protective gloves
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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.
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9. Physical and chemical properties

Appearance	Clear, colorless liquid
Physical state	liquid
Odor	Gasoline-like
pH	No information available.
Melting Point/Range	No information available.
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	31 °C / 87.8 °F closed cup
Evaporation rate	not applicable
Autoignition Temperature	not applicable
Flammable properties	Flammable liquid
Vapor pressure	No information available
Vapor density	No information available

Water solubility	No information available
Percent volatile	No information available
Partition coefficient:	not applicable
Viscosity	No information available
Oxidizing properties	not applicable

10. Stability and reactivity

Stability	Stable.
Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition.
Materials to avoid	Strong oxidizing agents,
Hazardous decomposition products	Carbon oxides.
Hazardous polymerization	Hazardous polymerization does not occur.

11. Toxicological information

Eye contact	Expected to be an irritant based on components
Skin contact	Expected to be an irritant based on components
Ingestion	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation	May cause irritation of respiratory tract. May cause drowsiness and dizziness.

LC50 Inhalation: 3200 ppm 4 hr (rat) 17000 mg/m³ (4-hr) (rat)

Chronic Toxicity - Other Ingredient(s)

Chronic Toxicity	Prolonged skin contact may defat the skin and produce dermatitis. May cause adverse kidney effects. May cause adverse liver effects.
Carcinogenicity	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
Target Organ Effects	Skin, Kidney, Liver, Blood, Respiratory system.

Chemical Name	ACGIH	IARC	NTP	OSHA	NIOSH - Target Organs
n-Nonane					eyes,CNS,respiratory system,skin

12. Ecological information

Ecotoxicity	
Ecotoxicity effects	No information available.
Environmental Fate	

Chemical Name	log Pow
n-Nonane	3.31-3.92

13. Disposal considerations

Waste disposal methods	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

Note <u>DOT</u>	Each lure contains <2.0 mL Nonanes solution. The volume of the hazardous material in the individual container is less than 5.0 L (1.3 gallons) net capacity for each packaging. Therefore it is classified for road transport as a Limited Quantity dangerous good material as described in 49 CFR paragraph 173.150(b).
Proper shipping name	Nonanes
Hazard Class	3
UN/ID No	UN1920
Packing group	III
<u>TDG</u>	The volume of the hazardous material in the individual container is less than 5.0 L net capacity for each packaging. Therefore it is classified as a Limited Quantity dangerous goods material as described in TDG Regulation 1.17.
Proper shipping name	Nonanes
Hazard Class	3
UN/ID No	UN1920
Packing group	III
<u>ICAO/IATA</u>	Carton Marks: Limited quantity air, orientation arrows, Class 9 Diamond, Consumer Commodity, ID8000
UN/ID No	ID8000
Proper shipping name	Nonanes
Hazard Class	3
Packing group	III
Limited quantity	10 L
<u>IMDG/IMO</u>	Ship as Limited Quantity. Carton marks include Limited Quantity mark and orientation arrows.
Proper shipping name	Nonanes
Hazard Class	3
UN/ID No	UN1920
Packing group	III
EmS No.	F-E, S-E

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	no
Fire Hazard	yes
Sudden Release of Pressure Hazard	no

Reactive Hazard

no

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

TSCA Inventory (United States of America)

Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 4 - Chemical Test Rules (40 CFR 799)	U.S. - TSCA (Toxic Substances Control Act) - Section 5(a)(2) - Chemicals with Significant New Use Rules (SNURs)
n-Nonane	40 CFR 799.5115	
Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 8(a) - Chemical-Specific Reporting and Recordkeeping	
n-Nonane	PAIR: 01/26/1994	
Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 8(d) - 716.120(a) - Health and Safety Reporting - List of Substances	
n-Nonane	01/26/1994	

International Regulations

Mexico - Grade

Serious risk, Grade 3

Chemical Name	Carcinogen Status	Mexico
n-Nonane		Mexico: TWA 200 ppm Mexico: TWA 1050 mg/m ³ Mexico: STEL 250 ppm Mexico: STEL 1300 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B2 Flammable liquid
D2B Toxic materials

16. Other information

Revision Date: 2012-07-02
Reason for revision: No information available.

Disclaimer

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Prepared By

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End of Material Safety Data Sheet

Material Safety Data Sheet

Verifi™ Lure 2

SDS # : 6936-A
Revision Date: 2012-07-02
Version 2.02



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Verifi™ Lure 2
Manufacturer FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 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: (800) 331-3148 (U.S.A. & Canada) +1 (651) 632-6793 (All Other Countries - Collect)

2. Hazards identification

Appearance	Clear, colorless liquid
Physical state	liquid
Odor	Gasoline-like
Flammable properties	Flammable liquid
Potential health effects	
Acute effects	
Eyes	Irritating to eyes.
Skin	Irritating to skin.
Inhalation	May be harmful if inhaled. May cause irritation of respiratory tract. May cause drowsiness and dizziness.
Ingestion	Potential for aspiration if swallowed. May cause lung damage if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic effects	Prolonged skin contact may defat the skin and produce dermatitis. May cause adverse kidney effects. May cause adverse liver effects.

3. Composition/information on ingredients

Hazardous ingredients

Chemical Name	CAS-No	Weight %
n-Nonane	111-84-2	>95
Butyric acid	107-92-6	<0.1

4. First aid measures

Eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 treatment advice.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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. Do not give anything by mouth to an unconscious person.

5. Fire-fighting measures

<u>Flammable properties</u>	Flammable liquid
Flash Point Method	31 °C / 87.8 °F closed cup
Sensitivity to Mechanical Impact Sensitivity to Static Discharge	not applicable not applicable
Suitable extinguishing media	Water spray, Dry chemical, Alcohol-resistant foam, Carbon dioxide (CO ₂).
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus and full protective gear.
<u>NFPA</u>	
Health Hazard	2
Flammability	3
Stability	0
Special Hazards	-

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	Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	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.
Other	For further clean-up instructions call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

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 only.

8. Exposure controls/personal protection

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
n-Nonane 111-84-2	TWA: 200 ppm		TWA: 200 ppm TWA: 1050 mg/m ³	Mexico: TWA 200 ppm Mexico: TWA 1050 mg/m ³ Mexico: STEL 250 ppm Mexico: STEL 1300 mg/m ³
Chemical Name	British Columbia	Quebec	Ontario TWAEV	Alberta
n-Nonane 111-84-2	TWA: 200 ppm	TWA: 200 ppm TWA: 1050 mg/m ³	TWA: 200 ppm	TWA: 200 ppm TWA: 1050 mg/m ³

Occupational exposure controls

Engineering measures	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
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Personal Protective Equipment

General Information	When used according to use directions, no special eye protection is required. Handling during manufacture or in the event of an accidental release requires use of safety glasses or a face shield.
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Respiratory protection	Avoid breathing vapor or mist.
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Skin and body protection	Follow use directions. Avoid contact with skin and clothing.
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Hand protection	Protective gloves
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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.
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9. Physical and chemical properties

Appearance	Clear, colorless liquid
Physical state	liquid
Odor	Gasoline-like
pH	No information available.
Melting Point/Range	No information available.
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	31 °C / 87.8 °F closed cup
Evaporation rate	not applicable
Autoignition Temperature	not applicable
Flammable properties	Flammable liquid
Vapor pressure	No information available
Vapor density	No information available

Water solubility	No information available
Percent volatile	No information available
Partition coefficient:	not applicable
Viscosity	No information available
Oxidizing properties	not applicable

10. Stability and reactivity

Stability	Stable.
Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.
Hazardous polymerization	Hazardous polymerization does not occur.

11. Toxicological information

Eye contact	Expected to be an irritant based on components
Skin contact	Expected to be an irritant based on components
Ingestion	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation	May cause irritation of respiratory tract. May cause drowsiness and dizziness.

LC50 Inhalation: 3200 ppm 4 hr (rat) 17000 mg/m³ (4-hr) (rat)

Chronic Toxicity - Other Ingredient(s)

Chronic Toxicity	Prolonged skin contact may defat the skin and produce dermatitis. May cause adverse kidney effects. May cause adverse liver effects.
Carcinogenicity	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
Target Organ Effects	Skin, Kidney, Liver, Blood, Respiratory system.

Chemical Name	ACGIH	IARC	NTP	OSHA	NIOSH - Target Organs
n-Nonane					eyes,CNS,respiratory system,skin

12. Ecological information

Ecotoxicity

Ecotoxicity effects No information available.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Butyric acid	46.7 mg/L EC50 72 h (Desmodesmus subspicatus)		EC50 = 16.9 mg/L 5 min EC50 = 16.9 mg/L 15 min EC50 = 17.2 mg/L 25 min EC50 = 10.1 mg/L 15 min	EC50 61.7 mg/L 24 h

Environmental Fate

Chemical Name	log Pow
n-Nonane	3.31-3.92
Butyric acid	0.79

13. Disposal considerations

Waste disposal methods	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

Note <u>DOT</u>	Each lure contains <2.0 mL Nonanes solution. The volume of the hazardous material in the individual container is less than 5.0 L (1.3 gallons) net capacity for each packaging. Therefore it is classified for road transport as a Limited Quantity dangerous good material as described in 49 CFR paragraph 173.150(b).
Hazard Class	3
UN/ID No	UN1920
Packing group	III
<u>TDG</u>	The volume of the hazardous material in the individual container is less than 5.0 L net capacity for each packaging. Therefore it is classified as a Limited Quantity dangerous goods material as described in TDG Regulation 1.17.
Hazard Class	3
UN/ID No	UN1920
Packing group	III
<u>ICAO/IATA</u>	Carton Marks: Limited quantity air, orientation arrows, Class 9 Diamond, Consumer Commodity, ID8000
UN/ID No	ID8000
Hazard Class	3
Packing group	III
Limited quantity	10 L
<u>IMDG/IMO</u>	Ship as Limited Quantity. Carton marks include Limited Quantity mark and orientation arrows.
Hazard Class	3
UN/ID No	UN1920
Packing group	III
EmS No.	F-E, S-E

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	no
Fire Hazard	yes

Sudden Release of Pressure Hazard
Reactive Hazardno
no**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Butyric acid	5000 lb	

TSCA Inventory (United States of America)

Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 4 - Chemical Test Rules (40 CFR 799)	U.S. - TSCA (Toxic Substances Control Act) - Section 5(a)(2) - Chemicals with Significant New Use Rules (SNURs)
n-Nonane	40 CFR 799.5115	
Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 8(a) - Chemical-Specific Reporting and Recordkeeping	
n-Nonane	PAIR: 01/26/1994	
Chemical Name	U.S. - TSCA (Toxic Substances Control Act) - Section 8(d) - 716.120(a) - Health and Safety Reporting - List of Substances	
n-Nonane	01/26/1994	

International Regulations**Mexico - Grade**

Serious risk, Grade 3

Chemical Name	Carcinogen Status	Mexico
n-Nonane		Mexico: TWA 200 ppm Mexico: TWA 1050 mg/m ³ Mexico: STEL 250 ppm Mexico: STEL 1300 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard ClassB2 Flammable liquid
D2B Toxic materials**16. Other information**Revision Date: 2012-07-02
Reason for revision: No information available.**Disclaimer**

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End of Material Safety Data Sheet