SECTION 1. IDENTIFICATION

Product name : **LA LMM-6000**
GSLA*LMM-6000 Black Paste Metal 500 G

Material number : 1407089

Chemical nature : Paint

Manufacturer or supplier’s details
Company name of supplier : Ferro Corporation
Address : 6060 Parkland Blvd. Suite 250
Mayfield Heights OH 44124-4185
Telephone : (216) 875-5600

Emergency telephone number
In-Country Number : (800)424-9300
CHEMTREC Global Number : +(1)-703-527-3887(Call Collect)

Recommended use of the chemical and restrictions on use
Recommended use : Industrial use
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Flammable liquids : Category 2
Eye irritation : Category 2A
Specific target organ toxicity - single exposure : Category 3 (Respiratory system)

GHS Label element
Hazard pictograms :

Signal word : Danger
Hazard statements :
H225 : Highly flammable liquid and vapour.
H319 : Causes serious eye irritation.
H335 : May cause respiratory irritation.
Precautionary statements:

Prevention:
- 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.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264: Wash skin thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/eye protection/face protection.

Response:
- P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + P340 + P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313: If eye irritation persists: Get medical advice/attention.
- P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:
- P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
- P403 + P235: Store in a well-ventilated place. Keep cool.

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture
Chemical nature: Paint
## Material Safety Data Sheet

### LA LMM-6000

**Revision Date**: 03/13/2017  
**Print Date**: 10/09/2017

### Product specification

**RS_FP_603463**  
**Version**: 2.2  
**Material number**: 1407089

### Hazardous components

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol</td>
<td>64-17-5</td>
<td>&gt;= 30 - &lt; 50</td>
</tr>
<tr>
<td>Trade Secret Molybdenum Compound</td>
<td>Not Assigned</td>
<td>&gt;= 30 - &lt; 50</td>
</tr>
<tr>
<td>Trade Secret Silicated compound</td>
<td>Not Assigned</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>Trade Secret Vanadium compound</td>
<td>Not Assigned</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>propane-1,2-diol</td>
<td>57-55-6</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
</tbody>
</table>

### SECTION 4. FIRST AID MEASURES

**General advice**: Consult a physician.

**If inhaled**

- Remove to fresh air.
- If unconscious place in recovery position and seek medical advice.
- Never give anything by mouth to an unconscious person.

**In case of skin contact**

- Wash off immediately with soap and plenty of water.
- If a person feels unwell or symptoms of skin irritation appear, consult a physician.

**In case of eye contact**

- Rinse immediately with plenty of water and seek medical advice.

**If swallowed**

- Do NOT induce vomiting.
- Rinse immediately with plenty of water and seek medical advice.

**Most important symptoms and effects, both acute and delayed**

- Causes serious eye irritation.
- May cause respiratory irritation.

### SECTION 5. FIREFIGHTING MEASURES

**Specific hazards during firefighting**

- Exposure to decomposition products may be a hazard to health.
- Do not allow run-off from fire fighting to enter drains or water courses.
- Do not use a solid water stream as it may scatter and spread fire.
- Burning produces irritant fumes.
- Cool closed containers exposed to fire with water spray.

**Hazardous combustion products**

- No hazardous combustion products are known

**Further information**

- Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- In the event of fire and/or explosion do not breathe fumes.
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions: Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

Methods and materials for containment and cleaning up: Sweep up and shovel into suitable containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion: Keep away from heat and sources of ignition.

Advice on safe handling: Do not get in eyes or mouth or on skin. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Do not use in areas without adequate ventilation. Keep away from heat and sources of ignition.

Conditions for safe storage: Keep in a dry, cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSOANAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol</td>
<td>64-17-5</td>
<td>TWA</td>
<td>1,000 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm, 1,900 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm, 1,900 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1,000 ppm, 1,900 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td>Trade Secret Molybdenum Compound</td>
<td>Not Assigned</td>
<td>TWA</td>
<td>5 mg/m3 (Molybdenum)</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>0.5 mg/m3 (Respirable Molybdenum)</td>
<td>ACGIH</td>
</tr>
<tr>
<td>Components</td>
<td>CAS-No.</td>
<td>Control parameters</td>
<td>Biological specimen</td>
<td>Sampling time</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>----------</td>
<td>--------------------</td>
<td>---------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>Butoxyacetic acid (BAA)</td>
<td>Urine</td>
<td>End of shift (As soon as possible after exposure ceases)</td>
</tr>
<tr>
<td>propane-1,2-diol</td>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Engineering measures**

- Apply technical measures to comply with the occupational exposure limits.
- Provide adequate ventilation.

**Personal protective equipment**

- **Respiratory protection**: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

- **Hand protection**: 

---

TWA (Respirable fraction) 3 mg/m³ (Molybdenum) OSHA P0

TWA (Dust) 20 Million particles per cubic foot OSHA Z-3

TWA (Respirable) 3 mg/m³ NIOSH REL

TWA (respirable dust fraction) 3 mg/m³ OSHA P0

TWA (Dust) 10 mg/m³ US WEEL

TWA 20 ppm ACGIH

TWA 5 ppm 24 mg/m³ NIOSH REL

TWA 50 ppm 240 mg/m³ OSHA Z-1

TWA 25 ppm 120 mg/m³ OSHA P0

TWA 400 ppm ACGIH

TWA 400 ppm 1,400 mg/m³ NIOSH REL

TWA 400 ppm 1,400 mg/m³ OSHA Z-1

TWA 400 ppm 1,400 mg/m³ OSHA P0

**Biological occupational exposure limits**

- **2-butoxyethanol**: Butoxyacetic acid (BAA) across various exposure conditions, with urine samples collected end of shift. Limits range from 200 mg/g Creatinine to 400 ppm.

- **Engineering measures**: Apply technical measures to comply with occupational exposure limits and provide adequate ventilation.

- **Respiratory protection**: Use appropriate certified respirators when concentrations exceed exposure limits.

- **Hand protection**: None specified.
Material: Protective gloves

Eye protection: Safety glasses with side-shields
Ensure that eyewash stations and safety showers are close to the workstation location.

Protective measures: Wear suitable protective equipment.
Avoid contact with skin.
When using do not eat, drink or smoke.

Hygiene measures: Remove contaminated clothing and protective equipment before entering eating areas.
Wash hands before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: paste

Colour: yellow

Odour: characteristic

Odour Threshold: No data available

pH: No data available

Melting point/range: No data available

Flash point: 14 °C
Method: calculated

Evaporation rate: No data available

Burning rate: No data available

Upper explosion limit: 19 %(V)

Lower explosion limit: 2 %(V)

Vapour pressure: No data available

Relative vapour density: No data available

Relative density: No data available

Density: No data available

Bulk density: No data available

Solubility(ies)
Water solubility: soluble

Solubility in other solvents: No data available
**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Conditions to avoid : Incompatible materials

- Extremes of temperature and direct sunlight.

Incompatible materials : Incompatible with oxidizing agents.

- Incompatible with strong acids and bases.

Hazardous decomposition products : Stable under normal conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : inhalation (dust/mist/fume)

- Skin

Eye contact

Acute toxicity:

Not classified based on available information.

**Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

**Acute inhalation toxicity**

- Acute toxicity estimate: > 40 mg/l
- Exposure time: 4 h
- Test atmosphere: vapour
- Method: Calculation method

**Acute dermal toxicity**

- Acute toxicity estimate: > 5,000 mg/kg
- Method: Calculation method

**Components:**

*ethanol:*

- **Acute oral toxicity:** LD50 Oral (Rat): 10,470 mg/kg
- **Acute dermal toxicity:** LD50 (Rabbit): 15,800 mg/kg

**Trade Secret Molybdenum Compound:**

- **Acute oral toxicity:** LD50 (Rat, male and female): 4,461 mg/kg
  - Method: OECD Test Guideline 401
  - GLP: yes
- **Acute inhalation toxicity:** LC50 (Rat, male and female): > 5,840 mg/m3
  - Exposure time: 4 h
  - Test atmosphere: dust/mist
  - Method: OECD Test Guideline 403
  - Target Organs: Mucous membranes
  - GLP: yes
  - Assessment: The substance or mixture has no acute inhalation toxicity
  - Remarks: No adverse effect has been observed in acute toxicity tests.
- **Acute dermal toxicity:** LD50 (Rat, male and female): > 2,000 mg/kg
  - Method: OECD Test Guideline 402
  - GLP: yes
  - Assessment: The substance or mixture has no acute dermal toxicity

**Trade Secret Vanadium Compound:**

- **Acute oral toxicity:** LD50 (Rat, male and female): 275.87 mg/kg
  - Method: OECD Test Guideline 401
  - GLP: yes

*propane-1,2-diol:*

- **Acute oral toxicity:** LD50 Oral (Rat): 20 g/kg
- **Acute dermal toxicity:** LD50 Dermal (Rabbit): 20,800 mg/kg

*2-butoxyethanol:*

- **Acute oral toxicity:** LD50 Oral (Rat, male and female): 1,200 mg/kg
  - Method: OECD Test Guideline 401
  - GLP: no
- **Acute inhalation toxicity:** LC50 (Rat, male): 2.4 mg/l
  - Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
GLP: no
Assessment: The substance or mixture has no acute inhalation toxicity

LC50 (Rat, female): 2.2 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
GLP: no
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rat, male and female): 841 mg/kg
Method: OECD Test Guideline 402
GLP: yes

**ethyl acetate:**
Acute oral toxicity : LD50 Oral (Rat): 6,100 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 22.5 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 18,000 mg/kg

**Skin corrosion/irritation**
Not classified based on available information.

**Components:**

**ethanol:**
Species: Rabbit
Exposure time: 24 h
Method: OECD Test Guideline 404
Result: No skin irritation

**Trade Secret Molybdenum Compound:**
Species: Rabbit
Exposure time: 4 h
Assessment: No skin irritation
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes

**2-butoxyethanol:**
Species: Rabbit
Exposure time: 72 h
Method: OECD Test Guideline 404
Result: Irritating to skin.
GLP: yes

**Serious eye damage/eye irritation**
Causes serious eye irritation.
Components:

**ethanol:**
Species: Rabbit
Result: Moderate eye irritation
Method: OECD Test Guideline 405

**Trade Secret Molybdenum Compound:**
Species: Rabbit
Result: Irritating to eyes.
Assessment: Irritating to eyes.

**Trade Secret Vanadium Compound:**
Species: Rabbit
Result: Irritating to eyes.
Exposure time: 1 h
Method: OECD Test Guideline 405
GLP: yes

**2-butoxyethanol:**
Result: Eye irritation

**ethyl acetate:**
Species: Rabbit
Result: No eye irritation

Respiratory or skin sensitisation
Skin sensitisation: Not classified based on available information.
Respiratory sensitisation: Not classified based on available information.

**Germ cell mutagenicity**
Not classified based on available information.

**Carcinogenicity**
Not classified based on available information.

**Reproductive toxicity**
Not classified based on available information.

**STOT Specific Target Organ Toxicity - single exposure**
May cause respiratory irritation.

Components:

**Trade Secret Molybdenum Compound:**
Assessment: May cause respiratory irritation.

**Trade Secret Vanadium Compound:**
Assessment: May cause respiratory irritation.

**STOT Specific Target Organ Toxicity - repeated exposure**
Not classified based on available information.

**Aspiration toxicity**
Not classified based on available information.

IARC
No component of this product present at levels greater than or
equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**ACGIH**

Confirmed animal carcinogen with unknown relevance to humans

- 2-butoxyethanol
  - 111-76-2
- Trade Secret Molybdenum Compound

se solvent naphtha (petroleum), light, aromatic
  - 64742-95-6

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Product:**

Ecotoxicology Assessment
- Acute aquatic toxicity: No data available
- Chronic aquatic toxicity: No data available

**Components:**

- **ethanol**:
  - Toxicity to daphnia and other aquatic invertebrates: LC50 (Daphnia (water flea)): 9,268 mg/l
  - Exposure time: 48 h

**Trade Secret Molybdenum Compound:**

- Toxicity to fish:
  - (Oncorhynchus mykiss (rainbow trout)): 100 mg/l
  - Method: OECD Test Guideline 203
  - Remarks: No toxicity at the limit of solubility
  - (Pimephales promelas (fathead minnow)): 370 mg/l
  - Exposure time: 96 h
  - Remarks: No toxicity at the limit of solubility

- Toxicity to daphnia and other aquatic invertebrates:
  - (Daphnia magna (Water flea)): 100 mg/l
  - Exposure time: 24 h
  - Method: OECD Test Guideline 202
  - Remarks: No toxicity at the limit of solubility
Trade Secret Vanadium Compound:
Toxicity to fish: LC50 (Marine species): 27.8 mg/l
Exposure time: 96 h
Test Type: static test

Ecotoxicology Assessment
Acute aquatic toxicity: This product has no known ecotoxicological effects.

Chronic aquatic toxicity: This product has no known ecotoxicological effects.

propane-1,2-diol:
Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): 51,400 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia (water flea)): > 10,000 mg/l
Exposure time: 96 h

Toxicity to algae: EC50 (algae): 19,000 mg/l
Exposure time: 96 h

2-butoxyethanol:
Toxicity to fish: LC50 (Lepomis macrochirus (Bluegill sunfish)): 1,490 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: no

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 1,800 mg/l
Exposure time: 48 h

ethyl acetate:
Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): 220 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia (water flea)): 560 mg/l
Exposure time: 48 h

Toxicity to algae: EC50 (algae): 3,300 mg/l
Exposure time: 48 h

Persistence and degradability

Product:
Biodegradability: Remarks: No data available
Components:

*ethanol*:
Biodegradability : Remarks: No data available

*Trade Secret Molybdenum Compound*:
Biodegradability : Remarks: No data available

*Trade Secret Silicated compound*:
Biodegradability : Remarks: No data available

*Trade Secret Vanadium Compound*:
Biodegradability : Remarks: No data available

*propane-1,2-diol*:
Biodegradability : Remarks: No data available

*2-butoxyethanol*:
Biodegradability : Remarks: No data available

*ethyl acetate*:
Biodegradability : Remarks: No data available

Bioaccumulative potential

*Product*:
Bioaccumulation : Remarks: No data available

Components:

*ethanol*:
Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: -0.349 (24 °C)

*Trade Secret Molybdenum Compound*:
Bioaccumulation : Remarks: No data available

*Trade Secret Silicated compound*:
Bioaccumulation : Remarks: No data available

*Trade Secret Vanadium Compound*:
Bioaccumulation : Remarks: No data available

*propane-1,2-diol*:
Bioaccumulation : Remarks: No data available

*2-butoxyethanol*:
Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: 0.77 (20 °C)

pH: 7

*ethyl acetate*:
Bioaccumulation : Remarks: No data available
Partition coefficient: n-octanol/water : log Pow: 0.73 (20 °C)

Mobility in soil

**Product:**
Distribution among environmental compartments : Remarks: No data available

**Components:**

**ethanol:**
Distribution among environmental compartments : Remarks: No data available

**Trade Secret Molybdenum Compound:**
Distribution among environmental compartments : Remarks: No data available

**Trade Secret Silicated compound:**
Distribution among environmental compartments : Remarks: No data available

**Trade Secret Vanadium Compound:**
Distribution among environmental compartments : Remarks: No data available

**propane-1,2-diol:**
Distribution among environmental compartments : Remarks: No data available

**2-butoxyethanol:**
Distribution among environmental compartments : Remarks: No data available

**ethyl acetate:**
Distribution among environmental compartments : Remarks: No data available

Other adverse effects

**Product:**
Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues : Dispose of wastes in an approved waste disposal facility.

SECTION 14. TRANSPORT INFORMATION

UNRTDG
UN number : UN 1263
Proper shipping name : PAINT
Class : 3
Packing group : II
Labels : 3

IATA-DGR
UN number : UN 1263
Proper shipping name : Paint
Class : 3
Packing group : II
Labels : 3
Packing instruction (cargo aircraft) : 364
Packing instruction (passenger aircraft) : 353

IMDG-Code
UN number : UN 1263
Proper shipping name : PAINT

Class : 3
Packing group : II
Labels : 3
EmS Code : F-E, S-E
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

National Regulations

49 CFR
UN/ID/NA number : UN 1263
Proper shipping name : PAINT

Class : 3
Packing group : II
Labels : 3
ERG Code : 128
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION
TSCA list: TSCA 5a - Not relevant
TSCA list: TSCA _12b - Not relevant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret Vanadium Compound</td>
<td></td>
<td>1000</td>
<td>*</td>
</tr>
</tbody>
</table>

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard
Acute Health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This product contains components that are reportable under the regulation.

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product contains components that are reportable under the regulation.

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

Massachusetts Right To Know
This product contains components that are reportable under the regulation.

Pennsylvania Right To Know
This product contains components that are reportable under the regulation.

New Jersey Right To Know
This product contains components that are reportable under the regulation.
California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:
- EINECS (European Union): On the inventory, or in compliance with the inventory
- SWISS (Switzerland): On the inventory, or in compliance with the inventory
- TSCA (United States): On TSCA Inventory
- DSL/NDSL (Canada): All components of this product are on the Canadian DSL.
- AICS (Australia): On the inventory, or in compliance with the inventory
- NZIoC (New Zealand): On the inventory, or in compliance with the inventory
- ENCS (Japan): On the inventory, or in compliance with the inventory
- ISHL (Japan): Not in compliance with the inventory
- KECI (Korea): On the inventory, or in compliance with the inventory
- PICCS (Philippines): On the inventory, or in compliance with the inventory
- IECSC (China): On the inventory, or in compliance with the inventory
- TCSI (Taiwan): On the inventory, or in compliance with the inventory
- CICR (Turkey): On the inventory, or in compliance with the inventory
- INSQ (Mexico): On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / EN