1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name
Authority® XL

Other means of identification

Product Code(s) 6541-A

Legacy Product Code FO000582

Synonyms
SULFENTRAZONE (FMC 97285):
2’,4’-dichloro-5’-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)
methanesulfonanilide (IUPAC name);
N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-
1,2,4-triazol-1-yl]phenyl] methanesulfonamide (CAS name),
, CHLORIMURON-ETHYL: ethyl
2-(((4-chloro-6-methoxypyrimidin-2-yl)amino)carbonyl)amino]sulfanyl]benzoate

Active Ingredient(s)
Sulfentrazone, Chlorimuron-ethyl

Chemical Family
Triazolinones; Sulfonylurea

Alternate Commercial Name
F9016

Recommended use of the chemical and restrictions on use

Recommended Use: Herbicide

Restrictions on Use: Use as recommended by the label

Supplier Address
FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
(215) 299-6000 (General Information)
msdsinfo@fmc.com (E-Mail General Information)

Emergency telephone number

For leak, fire, spill or accident emergencies, call:
1 800 / 424 9300 (CHEMTREC - U.S.A.)
1 703 / 741-5970 (CHEMTREC - International)
1 703 / 527 3887 (CHEMTREC - Alternate)

Medical Emergencies:
1 800 / 331-3148 (ProPharma Group - U.S.A. & Canada)
1 651 / 632-6793 (ProPharma Group - All Other Countries - Collect)

2. HAZARDS IDENTIFICATION
OSHA Regulatory Status

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

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Acute toxicity - Oral</th>
<th>Acute toxicity - Inhalation (Dusts/Mists)</th>
<th>Specific target organ toxicity (repeated exposure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Category 4</td>
<td>Category 4</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

**EMERGENCY OVERVIEW**

**Hazard Statements**

H302 - Harmful if swallowed
H332 - Harmful if inhaled
H373 - May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements - Prevention**

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
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P281 - Use personal protective equipment as required

**Precautionary Statements - Response**

P314 - Get medical advice/ attention if you feel unwell
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 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P330 - Rinse mouth
P391 - Collect spillage

**Precautionary Statements - Storage**

P405 - Store locked up

**Precautionary Statements - Disposal**

P501 - Dispose of contents/container according to label directions

**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 Family**

Triazolinones; Sulfonylurea.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfentrazone</td>
<td>122836-35-5</td>
<td>62.22</td>
</tr>
<tr>
<td>Chlorimuron ethyl</td>
<td>90982-32-4</td>
<td>7.78</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>1-5</td>
</tr>
</tbody>
</table>
Synonyms are provided in Section 1.

### 4. FIRST AID MEASURES

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>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.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>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.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>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 Never give anything by mouth to an unconscious person</td>
</tr>
</tbody>
</table>

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

- Central nervous system effects.

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

- Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable Extinguishing Media</td>
<td>Carbon dioxide (CO$_2$). Foam. Dry powder. Water spray.</td>
</tr>
<tr>
<td>Specific Hazards Arising from the Chemical Hazardous Combustion Products</td>
<td>Powdered material may form explosive dust-air mixtures.</td>
</tr>
<tr>
<td>Specific Hazards Arising from the Chemical Hazardous Combustion Products</td>
<td>Carbon oxides (COx), nitrogen oxides (NOx), sulfur oxides, hydrogen chloride, hydrogen fluoride.</td>
</tr>
<tr>
<td>Explosion data</td>
<td></td>
</tr>
<tr>
<td>Sensitivity to Mechanical Impact</td>
<td>Not sensitive.</td>
</tr>
<tr>
<td>Sensitivity to Static Discharge</td>
<td>Not sensitive.</td>
</tr>
</tbody>
</table>

**Protective equipment and precautions for firefighters**

- Wear self-contained breathing apparatus and protective suit.

### 6. ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Precautions</td>
<td>Isolate and post spill area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.</td>
</tr>
<tr>
<td>Other</td>
<td>For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 &quot;Product and Company Identification&quot; above.</td>
</tr>
<tr>
<td>Environmental Precautions</td>
<td>Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.</td>
</tr>
<tr>
<td>Methods for Containment</td>
<td>Use a wet sweeping compound or water to prevent dust formation.</td>
</tr>
<tr>
<td>Methods for cleaning up</td>
<td>Sweep up and shovel into suitable containers for disposal. Clean and neutralize spill area, tools and equipment by washing with 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.</td>
</tr>
</tbody>
</table>
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.

Incompatible products
None known

8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Control parameters

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>TWA: 20 ppm</td>
<td>TWA: 200 ppm, Ceiling: 300 ppm</td>
<td>IDLH: 500 ppm</td>
<td>Mexico: TWA 50 ppm</td>
</tr>
<tr>
<td>(108-88-3)</td>
<td></td>
<td></td>
<td>TWA: 100 ppm, TWA: 375 mg/m³, STEL: 150 ppm, STEL: 560 mg/m³</td>
<td>Mexico: TWA 188 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>British Columbia</th>
<th>Quebec</th>
<th>Ontario TWA EV</th>
<th>Alberta</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>TWA: 20 ppm</td>
<td>TWA: 50 ppm, TWA: 188 mg/m³</td>
<td>TWA: 20 ppm</td>
<td>TWA: 50 ppm, TWA: 188 mg/m³</td>
</tr>
<tr>
<td>(108-88-3)</td>
<td></td>
<td>Skin</td>
<td></td>
<td>Skin</td>
</tr>
</tbody>
</table>

Appropriate engineering 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.

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

Respiratory Protection
Use local ventilation such as a fume hood or wear a properly-fitted air-purifying respirator which is appropriate for the hazards reported on this safety data sheet. Respirator use and selection must be based on airborne concentrations.

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. These recommendations apply to the product as supplied.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Color</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>7.3 (1% solution)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
Boiling Point/Range: No information available
Flash point: Not applicable
Evaporation Rate: No information available
Flammability (solid, gas): No information available
Flammability Limit in Air:
- Upper flammability limit: No information available
- Lower flammability limit: No information available
Vapor pressure: No information available
Vapor density: No information available
Density: 34.52 lb/cu ft
Specific gravity: No information available
Water solubility: No information available
Solubility in other solvents: No information available
Partition coefficient: No information available
Autoignition temperature: No information available
Decomposition temperature: No information available
Viscosity, kinematic: No information available
Viscosity, dynamic: No information available
Explosive properties: No information available
Oxidizing properties: None known.
Molecular weight: No information available
Bulk density: 33-36 lb/cu ft

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: Excessive heat
Incompatible materials: None known.

11. TOXICOLOGICAL INFORMATION

Product Information:
LD50 Oral: 1750 mg/kg (rat)
LD50 Dermal: > 5,000 mg/kg (rabbit)
LC50 Inhalation: > 2.07 mg/L 4 hr (rat)
Serious eye damage/eye irritation: Moderately irritating to eyes.
Skin corrosion/irritation: Moderately irritating to skin.
Sensitization: Non-sensitizing

Information on toxicological effects:
Symptoms: Signs of toxicity in laboratory animals given sulfentrazone included clonic convulsions, ataxia, hypersensitivity to touch, chromorrhinorrhea, abdominogenital staining, decreased locomotion, lacrimation, nasal discharge, and squinting eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:
Chronic toxicity: Chronic exposure to silica dust may increase the risk of developing pneumoconiosis or silicosis, chronic diseases affecting the lungs, characterized by labored breathing, cough, reduction of work capacity, reduction of lung capacity, heart enlargement and failure
Mutagenicity: Sulfentrazone, Chlorimuron-ethyl: Not genotoxic in laboratory studies.
Carcinogenicity: Sulfentrazone, Chlorimuron-ethyl: No evidence of carcinogenicity from animal studies.
Neurological effects: Sulfentrazone: Clinical signs of neurotoxicity in laboratory animals was observed at high
dose levels.  

Reproductive toxicity  
Sulfentrazone: No toxicity to reproduction in animal studies.  
Chlorimuron ethyl did not affect reproduction and lactation performance.  

Developmental toxicity  
Sulfentrazone: Fetal weight decreased; delayed skeletal ossification observed at maternally non-toxic doses are reversible effects and a dose-response is established; malformations observed in fetuses at maternally toxic doses and consistent with the mode of action for protoporphyrorgen oxidase inhibitors. Developmental toxicity testing and results were generated for sulfentrazone with toluene present as an impurity.  
Chlorimuron-ethyl: Maternal and fetal NOELs were 250 ppm based on reduced maternal and fetal body weights. It was weakly teratogenic in rats and non-teratogenic in rabbits.  

STOT - single exposure  
Not classified.  

STOT - repeated exposure  
May cause damage to organs through prolonged or repeated exposure.  

Target organ effects  
Sulfentrazone, Chlorimuron-ethyl: Hematopoietic system.  

Neurological effects  
Sulfentrazone: Clinical signs of neurotoxicity in laboratory animals was observed at high dose levels.  

Aspiration hazard  
No information available.  

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>108-88-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend:  
IARC (International Agency for Research on Cancer)  
Group 3 - Not classifiable as to its carcinogenicity to humans

12. ECOLOGICAL INFORMATION

Ecotoxicity

<table>
<thead>
<tr>
<th>Active Ingredient(s)</th>
<th>Duration</th>
<th>Species</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfentrazone</td>
<td>72 h EC50</td>
<td>Algae</td>
<td>32.8</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>48 h EC50</td>
<td>Crustacea</td>
<td>60.4</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>96 h LC50</td>
<td>Fish</td>
<td>94</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>21 d NOEC</td>
<td>Fish</td>
<td>5.9</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>21 d NOEC</td>
<td>Crustacea</td>
<td>0.51</td>
<td>mg/L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Active Ingredient(s)</th>
<th>Duration</th>
<th>Species</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorimuron-ethyl</td>
<td>LC50</td>
<td>Fish</td>
<td>100-1000</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>LD50 Dietary</td>
<td>Bird</td>
<td>&gt;5620</td>
<td>ppm</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Bird</td>
<td>&gt;2510</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

Persistence and degradability  

Bioaccumulation  
Sulfentrazone, Chlorimuron-ethyl: The substance does not have a potential for bioconcentration.  

Mobility  
Sulfentrazone: Mobile; Has potential to reach ground water.  

13. DISPOSAL CONSIDERATIONS

Waste disposal methods  
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. Proper personal protective equipment, as described in Sections 7 and 8, must be worn while handling materials for waste disposal.  

Contaminated Packaging  
Containers must be disposed of in accordance with local, state and federal regulations.
Refer to the product label for container disposal instructions. Do not reuse or refill this container.

### 14. TRANSPORT INFORMATION

**DOT**

This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

**TDG**

Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

- **UN/ID no**: UN3077
- **Proper Shipping Name**: Environmentally hazardous substance, solid, n.o.s.
- **Hazard class**: 9
- **Packing Group**: III
- **Marine Pollutant**: Sulfentrazone.
- **Description**: UN3077, Environmentally hazardous substance, solid, n.o.s. (sulfentrazone), 9, PGIII, Marine Pollutant

**ICAO/IATA**

- **UN/ID no**: UN3077
- **Proper Shipping Name**: Environmentally hazardous substance, solid, n.o.s.
- **Hazard class**: 9
- **Packing Group**: III
- **Description**: UN3077, Environmentally hazardous substance, solid, n.o.s. (sulfentrazone), 9, PGIII, Marine Pollutant

**IMDG/IMO**

- **UN/ID no**: UN3077
- **Proper Shipping Name**: Environmentally hazardous substance, solid, n.o.s.
- **Hazard class**: 9
- **Packing Group**: III
- **EmS No.**: F-A, S-F
- **Marine Pollutant**: Sulfentrazone
- **Description**: UN3077, Environmentally hazardous substance, solid, n.o.s. (sulfentrazone), 9, PGIII, Marine Pollutant

### 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:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorimuron ethyl - 90982-32-4</td>
<td>90982-32-4</td>
<td>7.78</td>
<td>1.0</td>
</tr>
<tr>
<td>Toluene - 108-88-3</td>
<td>108-88-3</td>
<td>1-5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

- Acute health hazard: Yes
- Chronic health hazard: Yes
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority</th>
<th>CWA - Hazardous</th>
</tr>
</thead>
</table>
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):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene 108-88-3</td>
<td>1000 lb</td>
<td>454 kg</td>
</tr>
</tbody>
</table>

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:

CAUTION
Harmful if swallowed. Causes moderate eye irritation.
This pesticide is toxic to marine/estuarine invertebrates.

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene - 108-88-3</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorimuron ethyl 90982-32-4</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

International Inventories

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>TSCA (United States)</th>
<th>DSL (Canada)</th>
<th>EINECS/ELINCS (Europe)</th>
<th>ENCS (Japan)</th>
<th>China (IECSC)</th>
<th>KECL (Korea)</th>
<th>PICCS (Philippines)</th>
<th>AICS (Australia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorimuron ethyl 90982-32-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mexico - Grade
Moderate risk, Grade 2

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Carcinogen Status</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td></td>
<td>Mexico: TWA 50 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA 188 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Pollutant Release and Transfer Register - Reporting Emissions for Fabrication, Process or Use -Threshold Quantities</th>
<th>Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CANADA

WHMIS Statement
This product has been classified in accordance with the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

WHMIS Hazard Class Non-controlled

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2*</td>
<td>1</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

*Indicates a chronic health hazard.

NFPA/HMIS Ratings Legend Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

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End of Safety Data Sheet