1. IDENTIFICATION

Product Identifier
Product Name
Nimitz

Other means of identification
SDS # ADAMA-166-CA

Registration Number(s)
32821 (Pest Control Products Act)
UN/ID No UN3082

Recommended use of the chemical and restrictions on use
Recommended Use Pesticide.

Details of the supplier of the safety data sheet
Manufacturer Address
ADAMA Agricultural Solutions Canada Ltd.
300-191 Lombard Avenue
Winnipeg, Manitoba R3B 0X1
1-855-264-6262

Emergency Telephone Number
Emergency Telephone (24 hr) For fire, spill and/or leak contact INFOTRAC:
1-800-535-5053 (North America) 1-352-323-3500 (International)
For medical emergencies and health/safety inquiries, contact ProPharma Group:
1-877-250-9291

2. HAZARDS IDENTIFICATION

This chemical is a product registered by the Canadian Pest Control Products Act and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-PCPA registered chemicals. Please see Section 15 for additional information. This product has been classified according to Canada’s Hazardous Product Regulations (WHMIS 2015).

Appearance Gold liquid
Physical state Liquid
Odor Slight aromatic odor

Classification
Serious eye damage/eye irritation Category 2
Skin sensitization Category 1
Aspiration toxicity Category 1

Signal Word Danger

Hazard statements
Causes serious eye irritation
May cause an allergic skin reaction
May be fatal if swallowed and enters airways
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection
Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards
Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluensulfone Technical</td>
<td>318290-98-1</td>
<td>41.22</td>
</tr>
<tr>
<td>Naphtha (petroleum), heavy aromatic</td>
<td>64742-94-5</td>
<td>46.45</td>
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<tr>
<td>Propylene carbonate</td>
<td>108-32-7</td>
<td>12.33</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

First Aid Measures

General Advice
When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment. If exposed or concerned: Get medical advice/attention.

Eye Contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.

Skin Contact
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Call a poison control center or doctor for treatment advice.

Inhalation
Give oxygen if breathing is difficult. If breathing has stopped, call 911, give artificial respiration. Call a poison control center or doctor for further treatment advice.
Ingestion
Immediately call a poison center or doctor/physician. Do NOT induce vomiting.

**Most important symptoms and effects**

**Symptoms**
May be harmful in contact with skin. Direct contact with eyes may cause temporary irritation. Direct contact with skin can cause irritation or redness.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically. Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.

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5. **FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
Not determined.

**Specific Hazards Arising from the Chemical**
Some may burn but none ignite readily. Fire may produce irritating, corrosive or toxic gases.

**Hazardous Combustion Products**
Nitrogen oxides (NOx). Other unidentified toxic and/or irritating compounds.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate area of unprotected personnel. Remain upwind of fire to avoid hazardous vapors and decomposition products. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Closed containers may build up pressure and rupture if exposed to extreme heat. Cool exposed containers with water to prevent rupturing.

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6. **ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Wear protective clothing as described in Section 8 of this safety data sheet. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Environmental precautions**

**Environmental precautions**
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment**
Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up**
Absorb with inert material or sweep up, and then place in suitable container for chemical waste.

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7. **HANDLING AND STORAGE**

**Precautions for safe handling**
Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Use in accordance with product label instructions. Do not eat, drink, smoke, or apply cosmetics while handling this product.
Conditions for safe storage, including any incompatibilities

**Storage Conditions**
Store in original container in secured locked dry storage area. Prevent cross-contamination with other pesticides, fertilizers, food and feed. Do not store above 100°F for extended periods of time. Keep product from freezing. Storage below 20°F can result in formation of crystals. If product crystallizes, store at 50°F to 70°F and agitate to re-dissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**Incompatible Materials**
None known based on information supplied.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**
The following information is given as general guidance

**Appropriate engineering controls**

**Engineering Controls**
Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**
Wear safety glasses with side shields (or goggles). Goggles are recommended.

**Skin and Body Protection**
Wear appropriate clothing to prevent repeated or prolonged skin contact. Wear long-sleeved shirt, long pants, and shoes plus socks. Use chemical resistant gloves, such as P.V.C., butyl-rubber, nitrile-rubber, or neoprene.

**Respiratory Protection**
NIOSH-approved respirator or mask in the absence of adequate ventilation.

**General Hygiene Considerations**
Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash it before reuse. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. Follow manufacturer’s instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Gold liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Opaque Bright orange</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Slight aromatic odor</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Property</strong></td>
<td><strong>Values</strong></td>
<td><strong>Remarks • Method</strong></td>
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<tr>
<td>pH</td>
<td>5.2</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>100°C/212°F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;101.5°C/&gt;214.7°F</td>
<td>CC (closed cup)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid-not applicable</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
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<td></td>
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<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
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<tr>
<td>Vapor Pressure</td>
<td>23 mmHg @ 25°C</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal 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
Avoid evaporating to dryness.

Incompatible Materials
None known based on information supplied.

Hazardous Decomposition Products
Nitrogen oxides (NOx). Other potentially hazardous fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact
Causes serious eye irritation.

Skin Contact
May cause an allergic skin reaction. May be harmful in contact with skin.

Inhalation
Avoid breathing vapors or mists.

Ingestion
May be fatal if swallowed and enters airways. Do not ingest.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), heavy aromatic 64742-94-5</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2 mL/kg (Rabbit)</td>
<td>&gt; 590 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Propylene carbonate 108-32-7</td>
<td>= 29000 mg/kg (Rat)</td>
<td>&gt; 3000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects

Symptoms
Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Carcinogenicity
Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spills.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), heavy aromatic</td>
<td>2.5: 72 h Skeletonema costatum mg/L EC50</td>
<td>41: 96 h Pimephales promelas mg/L LC50 2.34: 96 h Oncorhynchus mykiss mg/L LC50 19: 96 h Pimephales promelas mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 1740: 96 h Lepomis macrochirus mg/L LC50 static</td>
<td>0.95: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Propylene carbonate 108-32-7</td>
<td>500: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>5300: 96 h Leuciscus idus mg/L LC50 static 1000: 96 h Cyprinus carpio mg/L LC50 semi-static</td>
<td>500: 48 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
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</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), heavy aromatic</td>
<td>2.9 - 6.1</td>
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<tr>
<td>64742-94-5</td>
<td></td>
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<tr>
<td>Propylene carbonate 108-32-7</td>
<td>0.48</td>
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</tbody>
</table>

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT
Non-bulk containers, less than 450 L (119 Gal); Not regulated
Bulk containers, greater than 450 L (119 Gal):

**UN/ID No** UN3082
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Fluensulfone)
**Hazard Class** 9
**Packing Group** III
**Marine Pollutant** Yes.

**IATA**
**UN/ID No** UN3082
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Fluensulfone)
**Hazard Class** 9
**Packing Group** III
**Marine Pollutant** Yes

**IMDG**
**UN/ID No** UN3082
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Fluensulfone)
**Hazard Class** 9
**Packing Group** III
**Marine Pollutant** Yes

**TDG**
Section 1.45.1 of the TDG Regulations provides an exemption from documentation and safety marks only for this product and only when transported by a road or railway vehicle in non-bulk containers.

**UN/ID No** UN3082
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Fluensulfone)
**Hazard Class** 9
**Packing Group** III
**Marine Pollutant** Yes

### 15. REGULATORY INFORMATION

**International Inventories**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
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<tbody>
<tr>
<td>Fluensulfone Technical</td>
<td>X</td>
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<td></td>
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<td></td>
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<tr>
<td>Naphtha (petroleum), heavy aromatic</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Propylene carbonate</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td></td>
<td>X</td>
<td>Present</td>
<td>X</td>
</tr>
</tbody>
</table>

**Legend:**
- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- **AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**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

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

Pesticide Registration Number  Pest Control Reg. No. 32821

Pest Control Product Statement
This chemical is a product registered by the Canadian Pest Control Products Act and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-PCPA registered chemicals. Read the approved label, authorized under the Pest Control Products Act, prior to using or handling the pest control product. Following is the hazard information as required on the pesticide label:

Product Label
SIGNAL WORD: WARNING
Skin and eye irritant
Potential dermal sensitizer

Difference between SDS and Product Label

<table>
<thead>
<tr>
<th></th>
<th>Product</th>
<th>OSHA</th>
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<tbody>
<tr>
<td>Signal Word</td>
<td>Warning</td>
<td>Danger</td>
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<tr>
<td>Skin Corrosion/Irritation</td>
<td>Skin irrant</td>
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<tr>
<td>Serious eye damage/eye irritation</td>
<td>Eye irritant</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Potential dermal sensitizer</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>NA</td>
<td>May be fatal if swallowed and enters airways</td>
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16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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<td>0</td>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal Protection</th>
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<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
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</tbody>
</table>

Issue Date: 09-Feb-2018
Revision Date: 09-Feb-2018
Revision Note: New format

Disclaimer
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.

End of Safety Data Sheet