

Material Safety Data Sheet  
 May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMS No 1218-0072



|                                      |                      |  |
|--------------------------------------|----------------------|--|
| IDENTITY (as Used on Label and List) |                      | Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that. |
| SND-23                               | Soda Nozzle DEFENDER |  |

|  |   |
|--|---|
| Section I  |   |
| Distributor's Name <b>Drain-Net</b>                | Emergency Telephone Number (908) -236-0278      |
| Address (Number, Street, City, State and ZIP Code) | Telephone Number for Information (908) 236-0278 |
| PO Box 203   | Date Prepared 04/25/2013                        |
| Stanton, NJ 08885                                  | Signature of Preparer (optional)                |

| Section 11-Hazardous Ingredients/Identity Information             |          |           |                          |             |
|---|----------|-----------|--------------------------|-------------|
| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | %(Optional) |
| Sodium Metasilicate ANHYDROUS                                     | 15 mg/M3 | 10 mg/M3  | N/A                      |             |

|   |                       |   |     |
|---|-----------------------|---|-----|
| Section III-Physical/Chemical Characteristics |                       |   |     |
| Boiling Point                                 | N/A                   | Specific Gravity (H <sub>2</sub> O = 1) | N/A |
| Vapor Pressure (mm Hg)                        | N/O                   | Melting Point                           | N/A |
| Vapor Density (AIR = 1)                       | N/O                   | Evaporation Rate (Butyl Acetate= 1)     | N/D |
| Solubility in Water                           | Completely            |   |     |
| Appearance and Odor                           | White powder, no odor |   |     |

|   |  |                  |     |     |     |     |     |
|---|--|------------------|-----|-----|-----|-----|-----|
| Section IV Fire and Explosion Hazard Data |  |                  |     |     |     |     |     |
| Flash Point (Method Used)                 | N/A  | Flammable Limits | N/A | LEL | N/A | UEL | N/A |
| Extinguishing Media                       | Water spray, carbon monoxide, dry chemical |                  |     |     |     |     |     |
| Special Fire Fighting Procedures          | Use self-contained breathing apparatus     |                  |     |     |     |     |     |
| Unusual Fire and Explosion Hazards        | NONE                                       |                  |     |     |     |     |     |

Section V-Reactivity Data

|                                       |                |      |                     |        |
|---------------------------------------|----------------|------|---------------------|--------|
| Stability                             | Unstable       |      | Conditions to Avoid | ✓ NONE |
|                                       | Stable         | X    |                     |        |
| Incompatibility (Materials to Avoid)  |                | Adds |                     |        |
| Hazardous Decomposition or Byproducts |                | NONE |                     |        |
| Hazardous Polymerization              | May Occur      |      | Conditions to Avoid | ✓ NONE |
|                                       | Will Not Occur | X    |                     |        |

Section VI-Health Hazard Data

|   |             |   |                       |    |                 |    |
|---|-------------|---|-----------------------|----|-----------------|----|
| Route(s) of Entry                                   | Inhalation? | NO  | Skin?                 | NO | Ingestion?      | NO |
| Health Hazards<br>(Acute and Chronic)               | NONE        |   |                       |    |                 |    |
| Carcinogenicity                                     | NTP?        | NO  | IARC Monographs?      | NO | OSHA Regulated? | NO |
| Signs and Symptoms of Exposure                      |             |   | Eye and skin irritant |    |                 |    |
| Medical Conditions Generally Aggravated by Exposure |             |   | irritation            |    |                 |    |
| Emergency and First Aid Procedures                  |             | Eyes-Flush with plenty of water for 15 minutes, call physician if irritation                |                       |    |                 |    |
|   |             | Inhalation- remove to fresh air. Get medical attention.<br>Ingestion- get medical attention |                       |    |                 |    |

Section VII-Precautions for Safe Handling and Use

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| Steps to Be Taken in Case Material Is Released or Spilled |  | Sweep or shovel spilled material into proper containers. Flush spill area with water.     |  |  |  |
| Waste Disposal Method                                     |  | Any method for disposal of chemical wastes subject to local, state and federal regulation |  |  |  |
| Precautions to Be Taken in Handling and Storing           |  | Store in a cool, dry area. Keep container closed. Avoid contact with acids.               |  |  |  |
| Other Precautions   |  | Keep out of reach of children   |  |  |  |

Section VII-control Measures

|   |                      |                          |  |      |
|---|----------------------|--------------------------|--|------|
| Respiratory Protection (Specify Type)   Not necessary |                      |                          |  |      |
| Ventilation   | Local Exhaust        | Not necessary            | Special  | None |
|   | Mechanical (General) | Not necessary            | Other  | None |
| Protective Gloves   Rubber                            |                      | Eye Protection   Goggles |  |      |
| Other Protective Clothing or Equipment                | N/A                  | Work Hygienic practices  | Wash hand before eating. Avoid ingestion or inhalation |      |

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Occupational Safety and Health Administration  
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|---|----------------------|---|
| <b>IDENTITY (as Used on Label and List)</b> |                      | <i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i> |
| SND-22                                      | SODA NOZZLE DEFENDER |   |

**Section I**

|   |  |
|---|--|
| Manufacturer's name<br><b>DIRECT CHEMICALS</b>  | Emergency Telephone Number<br>(714) -369-9369        |
| Address (Number, Street, City, State and ZIP Code)<br><b>18352 ENTERPRISE LANE</b><br><b>HUNTINGTON BEACH, CA 92648</b> | Telephone Number for Information<br>(714) - 842-8000 |
|   | Date Prepared 6/20/2013                              |
|   | Signature of Preparer (optional)                     |

**Section II—Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (Optional) |
|---|----------|-----------|--------------------------|--------------|
| Sodium Metasilicate Pentahydrate                                  | 15 mg/M3 | 10 mg/M3  | N/A                      |              |

**Section III—Physical/Chemical Characteristics**

|                         |                       |   |      |
|-------------------------|-----------------------|---|------|
| Boiling Point           | N/A                   | Specific Gravity (H <sub>2</sub> O = 1) | N/a  |
| Vapor Pressure (mm Hg)  | N/D                   | Melting Point                           | N.A. |
| Vapor Density (AIR = 1) | N/D                   | Evaporation Rate (Butyl Acetate = 1)    | N/D  |
| Solubility in Water     | Completely            |   |      |
| Appearance and Odor     | White powder, no odor |   |      |

**Section IV—Fire and Explosion Hazard Data**

|                                    |  |                  |     |     |     |     |     |
|------------------------------------|--|------------------|-----|-----|-----|-----|-----|
| Flash Point (Method Used)          | NOT FLAMABLE                               | Flammable Limits | N/A | LEL | N/A | UEL | N/A |
| Extinguishing Media                | Water spray, carbon monoxide, dry chemical |                  |     |     |     |     |     |
| Special Fire Fighting Procedures   | Use self-contained breathing apparatus     |                  |     |     |     |     |     |
| Unusual Fire and Explosion Hazards | NONE                                       |                  |     |     |     |     |     |

**Section V—Reactivity Data**

|                                       |                |   |                     |      |
|---------------------------------------|----------------|---|---------------------|------|
| Stability                             | Unstable       |   | Conditions to Avoid | NONE |
|                                       | Stable         | X |                     |      |
| Incompatibility (Materials to Avoid)  | Acids          |   |                     |      |
| Hazardous Decomposition or Byproducts | NONE           |   |                     |      |
| Hazardous Polymerization              | May Occur      |   | Conditions to Avoid | NONE |
|                                       | Will Not Occur | X |                     |      |

**SND-22 SODA NOZZLE DEFENDER**

**Section VI—Health Hazard Data**

|   |   |     |                  |     |                 |     |
|---|---|-----|------------------|-----|-----------------|-----|
| Route(s) of Entry                                   | Inhalation?   | YES | Skin?            | YES | Ingestion?      | YES |
| Health Hazards<br>(Acute and Chronic)               | NONE  |     |                  |     |                 |     |
| Carcinogenicity                                     | NTP?  | NO  | IARC Monographs? | NO  | OSHA Regulated? | NO  |
| Signs and Symptoms of Exposure                      | Eye and skin irritant   |     |                  |     |                 |     |
| Medical Conditions Generally Aggravated by Exposure | irritation  |     |                  |     |                 |     |
| Emergency and First Aid Procedures                  | Eyes- Flush with plenty of water for 15 minutes, call physician if irritation |     |                  |     |                 |     |
|   | Inhalation- remove to fresh air. Get medical attention.                       |     |                  |     |                 |     |
|   | Ingestion- get medical attention. DO NOT INDUCED VOMITING                     |     |                  |     |                 |     |

**Section VII—Precautions for Safe Handling and Use**

|   |   |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Steps to Be Taken in Case Material Is Released or Spilled | Sweep or shovel spilled material into proper containers. Flush spill area with water.     |  |  |  |  |  |
| Waste Disposal Method                                     | Any method for disposal of chemical wastes subject to local, state and federal regulation |  |  |  |  |  |
| Precautions to Be Taken in Handling and Storing           | Store in a cool, dry area. Keep container tightly closed. Avoid contact with acids.       |  |  |  |  |  |
| Other Precautions   | Keep out of reach of children   |  |  |  |  |  |

**Section VII—Control Measures**

|  |                      |               |  |                         |  |      |
|--|----------------------|---------------|--|-------------------------|--|------|
| Respiratory Protection (Specify Type)  | Not necessary        |               |  |                         |  |      |
| Ventilation                            | Local Exhaust        | Not necessary |  |                         | Special  | None |
|  | Mechanical (General) | Not necessary |  |                         | Other  | None |
| Protective Gloves                      | Rubber               |               |  | Eye Protection          | Goggles  |      |
| Other Protective Clothing or Equipment | N/A                  |               |  | Work Hygienic practices | Wash hand before eating. Avoid ingestion or inhalation |      |

**Section VIII—Transportation Information**

|                    |                                       |                   |                      |                                     |
|--------------------|---------------------------------------|-------------------|----------------------|-------------------------------------|
| UN/NA #<br>UN 3253 | SHIPPING NAME<br>SODA NOZZLE DEFENDER | HAZARD CLASS<br>8 | PACKING GROUP<br>III | Required Label(s):<br>8 (Corrosive) |
|                    |                                       |                   |                      |                                     |