



# Safety Data Sheet

Issue Date: 04-Mar-2009

Revision Date: 10-Dec-2013

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Power Bowl 23 H122023  
 H122023E

**Other means of identification**

**SDS #** WC-016  
**Product Code** #25G  
**UN/ID No** UN1789

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Bowl cleaner.

**Details of the supplier of the safety data sheet**

**Supplier Address**  
 Fox Valley Chemical Company  
 PO Box 129  
 Ringwood, IL 60072

**Emergency Telephone Number**

**Company Phone Number** 815-653-2660  
**Emergency Telephone (24 hr)** 815-653-2660

## 2. HAZARDS IDENTIFICATION

**Appearance** Milky white liquid      **Physical State** Liquid      **Odor** Sharp, pungent odor

**Classification**

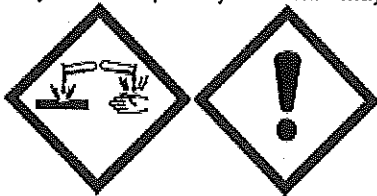
|  |                           |
|--|---------------------------|
| Acute toxicity - Oral                            | Category 4                |
| Acute toxicity - Inhalation (Dusts/Mists)        | Category 4                |
| Skin corrosion/irritation                        | Category 1 Sub-category B |
| Serious eye damage/eye irritation                | Category 1                |
| Specific target organ toxicity (single exposure) | Category 3                |

**Signal Word**

Danger

**Hazard Statements**

Harmful if swallowed  
 Harmful if inhaled  
 Causes severe skin burns and eye damage  
 May cause respiratory irritation. May cause drowsiness or dizziness



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Use only outdoors or in a well-ventilated area  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a poison center or doctor/physician  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a poison center or doctor/physician  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth  
 Do not induce vomiting

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

|  |
|--|
| <b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b> |
|--|

| Chemical Name                           | CAS No     | Weight-%    |
|---|------------|-------------|
| Hydrochloric acid                       | 7647-01-0  | Proprietary |
| Nonylphenoxy-poly-(Ethyleneoxy) Ethanol | 26027-38-3 | Proprietary |

\*\*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.\*\*

|                              |
|------------------------------|
| <b>4. FIRST-AID MEASURES</b> |
|------------------------------|

**First Aid Measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.                  |
| <b>Skin Contact</b> | Wash off immediately with plenty of water. Wash skin with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. |
| <b>Inhalation</b>   | Remove to fresh air. Call a physician immediately.   |
| <b>Ingestion</b>    | Rinse mouth. Ingest one teaspoonful of magnesia or chalk. Call a physician or poison control center immediately.                                   |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | May cause eye burns and permanent eye damage. Prolonged contact may even cause severe skin irritation or mild burn. |
|-----------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 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

Contents are corrosive and all personal contact must be avoided. Contact with metals may evolve flammable hydrogen gas.

### 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.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

### 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** Soak up with inert absorbent material. Neutralize with soda ash or other acid-neutralizing agent. Place in appropriate containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Avoid contact with skin and eyes.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. When storing, make sure containers are not too full. Allow room for expansion. Store locked up.

**Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure Guidelines

| Chemical Name                  | ACGIH TLV      | OSHA PEL   | NIOSH IDLH   |
|--------------------------------|----------------|--|--|
| Hydrochloric acid<br>7647-01-0 | Ceiling: 2 ppm | (vacated) Ceiling: 5 ppm<br>(vacated) Ceiling: 7 mg/m <sup>3</sup><br>Ceiling: 5 ppm<br>Ceiling: 7 mg/m <sup>3</sup> | IDLH: 50 ppm<br>Ceiling: 5 ppm<br>Ceiling: 7 mg/m <sup>3</sup> |

Appropriate engineering controls

**Engineering Controls** Mechanical ventilation or local exhaust ventilation is recommended.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Wear approved safety goggles.

**Skin and Body Protection** Wear suitable gloves. Rubber suit for larger quantities. Rubber safety shoes.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

|                       |                    |                       |                     |
|-----------------------|--------------------|-----------------------|---------------------|
| <b>Physical State</b> | Liquid             | <b>Odor</b>           | Sharp, pungent odor |
| <b>Appearance</b>     | Milky white liquid | <b>Odor Threshold</b> | Not determined      |
| <b>Color</b>          | Milky white        |                       |                     |

| <u>Property</u>              | <u>Values</u>      | <u>Remarks • Method</u> |
|------------------------------|--------------------|-------------------------|
| pH                           | <1                 |                         |
| Melting Point/Freezing Point | Not available      |                         |
| Boiling Point/Boiling Range  | 80 °C / 176 °F     |                         |
| Flash Point                  | None               |                         |
| Evaporation Rate             | Not available      |                         |
| Flammability (Solid, Gas)    | n/a-liquid         |                         |
| Upper Flammability Limits    | None               |                         |
| Lower Flammability Limit     | None               |                         |
| Vapor Pressure               | Not determined     |                         |
| Vapor Density                | Not established    |                         |
| Specific Gravity             | 1.130              | (1=Water)               |
| Water Solubility             | Completely soluble |                         |
| Solubility in other solvents | Not determined     |                         |
| Partition Coefficient        | Not determined     |                         |
| Auto-ignition Temperature    | Not determined     |                         |
| Decomposition Temperature    | Not determined     |                         |
| Kinematic Viscosity          | Not determined     |                         |
| Dynamic Viscosity            | Not determined     |                         |
| Explosive Properties         | Not determined     |                         |
| Oxidizing Properties         | Not determined     |                         |

**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.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

- Eye Contact** Causes severe eye damage.
- Skin Contact** Causes severe skin burns.
- Inhalation** Harmful if inhaled.
- Ingestion** Harmful if swallowed.

**Component Information**

| Chemical Name   | Oral LD50         | Dermal LD50           | Inhalation LC50      |
|---|-------------------|-----------------------|----------------------|
| Hydrochloric acid<br>7647-01-0                          | = 700 mg/kg (Rat) | > 5010 mg/kg (Rabbit) | = 3124 ppm (Rat) 1 h |
| Nonylphenoxypoly-(Ethyleneoxy)<br>Ethanol<br>26027-38-3 | -                 | = 1800 µL/kg (Rabbit) | -                    |

**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** Not classifiable as a human carcinogen.

| Chemical Name                  | ACGIH | IARC    | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| Hydrochloric acid<br>7647-01-0 |       | Group 3 |     |      |

**Legend**

*IARC (International Agency for Research on Cancer)  
Group 3 IARC components are "not classifiable as human carcinogens"*

**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name                  | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea |
|--------------------------------|----------------------|--|----------------------------|-----------|
| Hydrochloric acid<br>7647-01-0 |                      | 282: 96 h Gambusia affinis<br>mg/L LC50 static |                            |           |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

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

**US EPA Waste Number**

| Chemical Name  | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--|------|-----------------------------------|------------------------|------------------------|
| Nonylphenoxy poly-(Ethylene oxy) Ethanol<br>26027-38-3 |      | Included in waste stream:<br>K060 |                        |                        |

**14. TRANSPORT INFORMATION**

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

**DOT**

- UN/ID No                                      UN1789
- Proper Shipping Name                      Hydrochloric acid solution
- Hazard Class                                      8
- Packing Group                                      II

**IATA**

- UN/ID No                                      UN1789
- Proper Shipping Name                      Hydrochloric acid solution
- Hazard Class                                      8
- Packing Group                                      II

**IMDG**

- UN/ID No                                      UN1789
- Proper Shipping Name                      Hydrochloric acid solution
- Hazard Class                                      8
- Packing Group                                      II

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### CERCLA

| Chemical Name                  | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|--------------------------------|--------------------------|----------------|--|
| Hydrochloric acid<br>7647-01-0 | 5000 lb                  | 5000 lb        | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

#### SARA 313

| Chemical Name                 | CAS No    | Weight-%    | SARA 313 - Threshold Values % |
|-------------------------------|-----------|-------------|-------------------------------|
| Hydrochloric acid - 7647-01-0 | 7647-01-0 | Proprietary | 1.0                           |

#### CWA (Clean Water Act)

| Component                                      | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--|-----------------------------|------------------------|---------------------------|----------------------------|
| Hydrochloric acid<br>7647-01-0 ( Proprietary ) | 5000 lb                     |                        |                           | X                          |

#### US State Regulations

##### U.S. State Right-to-Know Regulations

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Hydrochloric acid<br>7647-01-0 | X          | X             | X            |

## 16. OTHER INFORMATION

#### NFPA

#### Health Hazards

Not determined

#### Flammability

Not determined

#### Instability

Not determined

#### Special Hazards

Not determined

#### HMIS

#### Health Hazards

3

#### Flammability

0

#### Physical Hazards

0

#### Personal Protection

Not determined

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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