Safety Data Sheet

SECTION 1: Identification

1.1 Product identifier
Product name: Solid PanStar Pot & Pan Detergent
Product number: 146
Brand: Crown Chemical, Inc.

1.2 Other means of identification
Delight Pot & Pan Detergent

1.3 Recommended use of the chemical and restrictions on use
Manual dishwashing

1.4 Supplier’s details
Name: Crown Chemical, Inc.
Address: 4701 W. 136th. St.
Crestwood, Illinois 60418
U.S.A.
Telephone: 708-371-6990
Fax: 708-371-6992
email: info@crown-chem.com

1.5 Emergency phone number(s)
800-535-5053

SECTION 2: Hazard identification

General hazard statement
N/A

2.1 Classification of the substance or mixture
GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)
- Eye damage/irritation, Cat. 2A

2.2 GHS label elements, including precautionary statements

Pictogram

1. Exclamation mark
   Warning

Signal word

Hazard statement(s)
H320 Causes eye irritation

Precautionary statement(s)
P264 Wash hands & skin thoroughly after handling.
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.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
2.3 Other hazards which do not result in classification
None identified

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Mixture

Trade secret statement (OSHA 1910.1200(i))
The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures
General advice Wear protective rubber gloves as needed to prevent prolonged skin contact when using this product. Mix ONLY with water.

If inhaled No specific response required.

In case of skin contact Rinse with water. Wash contaminated clothing and shoes before reuse.

In case of eye contact 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 if irritation persists.

If swallowed Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Non-hazardous product. No such indications.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Not applicable.

5.2 Specific hazards arising from the chemical
None known

5.3 Special protective actions for fire-fighters
Not applicable.

Further information
Not applicable.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).
6.3 **Methods and materials for containment and cleaning up**
Do not allow spilled material to enter sewers, waterways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

**Reference to other sections**
For disposal see section 13.

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**SECTION 7: Handling and storage**

7.1 **Precautions for safe handling**
Avoid contact with eyes, skin or clothing.

7.2 **Conditions for safe storage, including any incompatibilities**
Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

**Specific end use(s)**
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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**SECTION 8: Exposure controls/personal protection**

8.2 **Appropriate engineering controls**
Use with adequate ventilation to maintain exposure limits below listed thresholds.

8.3 **Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**
Normally not required. Wear safety glasses if necessary to prevent contact with concentrated product.

**Skin protection**
Wear protective rubber gloves as needed to prevent prolonged skin contact when using this product.

**Body protection**
Wash thoroughly after use and before eating, smoking, or using the bathroom. Avoid contamination of clothing or shoes, and wash any contaminated items before reuse.

**Respiratory protection**
None required.

**Thermal hazards**
No data available.

**Environmental exposure controls**
Do not let product enter drains.

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**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, color, etc.)</td>
<td>Pink Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Lemon</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available.</td>
</tr>
<tr>
<td>pH</td>
<td>&lt;8.0 (1% solution)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Non-Combustible</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

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**Solid PanStar Pot & Pan Detergent**

- **Upper/lower flammability limits**: No data available.
- **Upper/lower explosive limits**: No data available.
- **Vapor pressure**: No data available.
- **Vapor density**: No data available.
- **Relative density**: >1.0
- **Solubility(ies)**: 100% (in 120°F Water)
- **Partition coefficient: n-octanol/water**: No data available.
- **Auto-ignition temperature**: No data available.
- **Decomposition temperature**: No data available.
- **Viscosity**: >1.0
- **Explosive properties**: No data available.
- **Oxidizing properties**: No data available.

**Other safety information**

No data available.

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**SECTION 10: Stability and reactivity**

10.1 **Reactivity**

Product is generally non-reactive. As a precaution, NEVER mix this product with other chemicals. Mix this product ONLY with water.

10.2 **Chemical stability**

Stable under normal storage conditions.

10.3 **Possibility of hazardous reactions**

No data available.

10.4 **Conditions to avoid**

None under normal use conditions.

10.5 **Incompatible materials**

Chlorine and other halogens, strong acids or alkalis.

10.6 **Hazardous decomposition products**

None are expected under normal storage and usage conditions.

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**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

Eyes, Skin

**Skin corrosion/irritation**

Prolonged skin contact with concentrated product may cause mild irritation or redness.

**Serious eye damage/irritation**

Eye contact may cause mild irritation or redness.

**Respiratory or skin sensitization**

None known.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
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.
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.

Reproductive toxicity
No data available.

STOT-single exposure
No data available.

STOT-repeated exposure
No data available.

Aspiration hazard
No data available.

Additional information
No data available.

SECTION 12: Ecological information

Toxicity
No specific data available for this mixture.

Persistence and degradability
No data available on product

Bioaccumulative potential
No data available on product

Mobility in soil
No data available.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects
No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Disposal of the product
Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging
Dispose of as unused product.

Other disposal recommendations
Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.
SECTION 14: Transport information

DOT (US)
Non-regulated liquid

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

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

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know Components
No components are subject to the New Jersey Right to Know Act.

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Crown Chemical, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Crown Chemical, Inc. has been advised of the possibility of such damages.