

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name : MACHINE DISH POWDER

**Use of the substance/
mixture** : POWERFUL DETERGENT FOR AUTOMATIC
DISHWASHING MACHINES

Company : SHARE CANADA
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SECTION 2 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (GHS)

2.2. Label elements

GHS labeling



Hazard pictograms (GHS) :

Signal word (GHS) : Danger

Hazard statements (GHS) : Causes severe skin burns and eye damage

Precautionary statements (GHS) : Do not breathe dust

Wash thoroughly after handling

Wear eye protection, protective clothing, protective gloves.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | CAS REGISTRY NUMBER | CONCENTRATION |
|---------------|---------------------|---------------|
|---------------|---------------------|---------------|

3.1. Substance

Not applicable

3.2. Mixture

| CHEMICAL NAME | CAS REGISTRY NUMBER | CONCENTRATION % | Classification (GHS) |
|-----------------------|---------------------|-----------------|--|
| Sodium carbonate | 497-19-8 | 40-70 % | Eye Irrit. 2A, H319 |
| Disodium metasilicate | 6834-92-0 | 5-10 % | Skin Corr. 1B, H314 STOT SE 3, H335 |

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| CHEMICAL NAME | CAS REGISTRY NUMBER | CONCENTRATION % | Classification (GHS) |
|-----------------------------|---------------------|-----------------|---|
| Troclosene sodium dihydrate | 51580-86-0 | 1 – 5 % | Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 STOT SE 3, H335 |

SECTION 4 – FIRST AID MEASURES

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : Take off immediately all contaminated clothing and wash it before reuse.
Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Causes severe skin burns and eye damage.
- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Caustic burns/corrosion of the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5 – FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

Reactivity : Powder may produce chlorine gas when wet. Upon combustion: CO and CO₂ are formed. If the product is involved in a fire, it can release toxic chlorine gases.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous fire fighting water.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

Protective equipment : Protective goggles. Gloves. Protective clothing.

Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers.

Methods for cleaning up : Absorb spillage to prevent material damage. This material and its container must be disposed of in a safe way, and as per local legislation.

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SECTION 7 – HANDLING AND STORAGE

7.1. Precautions for safe handling

- Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep container closed when not in use.
- Incompatible products : acids. reducing agents.
- Storage area : Keep only in the original container. Store in a dry area. Store in a cool area.
- Special rules on packaging : meet the legal requirements. Keep only in original container.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

- Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Gloves. Protective clothing.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------|
| Physical state | : Solid |
| Appearance | : Fine white powder. |
| Odour | : Chlorine-like |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Vapour pressure | : No data available |
| Relative density | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Solubility | : Soluble in water. |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : No data available |

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Viscosity, dynamic : No data available
VOC content : 0 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity

Powder may produce chlorine gas when wet. Upon combustion: CO and CO₂ are formed. If the product is involved in a fire, it can release toxic chlorine gases.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Upon combustion: CO and CO₂ are formed.
available

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity : Not classified

troclosene sodium, dihydrate (51580-86-0)

| | |
|--------------------|---|
| LD50 oral rat | 735 mg/kg (Rat; Literature study; 1436 mg/kg bodyweight; Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |

sodium carbonate (497-19-8)

| | |
|--------------------|---|
| LD50 oral rat | 2800 mg/kg (Rat; Experimental value) |
| LD50 dermal rabbit | > 2000 mg/kg (Rabbit; Experimental value) |
| ATE CLP (oral) | 2800.000 mg/kg body weight |

Skin corrosion/irritation : Causes severe skin burns and eye damage.
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

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| | |
|--|---|
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/injuries after inhalation | : May cause respiratory irritation. |
| Symptoms/injuries after skin contact | : Caustic burns/corrosion of the skin. |
| Symptoms/injuries after eye contact | : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage. |
| Symptoms/injuries after ingestion | : Harmful if swallowed. Gastrointestinal complaints. Burns to the gastric/intestinal mucosa. |

SECTION 12 - ECOLOGICAL INFORMATION

| | |
|--------------------------------|-------------------------------------|
| Ecology (General): | No additional information available |
| Persistence and degradability: | No additional information available |
| Bioaccumulation potential: | No additional information available |

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: Dispose in accordance with local / national regulations.

SECTION 14 – TRANSPORT INFORMATION

| | |
|----------------------|--|
| TDG description | : UN3262 Corrosive solid, basic, inorganic, n.o.s., 8, III |
| UN Number: | : UN3262 |
| Proper Shipping Name | : Corrosive solid, basic, inorganic, n.o.s.. (sodium metasilicate) |
| Class: | : 8 - Class 8 - Corrosive material |

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SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

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|------------------------------|-----------------------|
| Information Sources: | SUPPLIER'S SDS |
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| Latest revision date: | May 24, 2016 |