



# SAFETY DATA SHEET

Strip Powder

## SECTION 01: IDENTIFICATION

**Product identifier** STRIP POWDER  
**Other means of identification** #1003  
**Recommended use** Heavy Duty Cleaner  
**Recommended restrictions** None known.  
**Manufacturer**  
**Company name** Crown Chemical Manufacturing Inc **Supplier's Name**  
**Address** 106 Vulcan Street **Supplier's Address**  
Toronto, Ontario, Canada  
M9W 1L2  
**Emergency Tel:** (905) 564-0904

## SECTION 02: HAZARD(S) IDENTIFICATION

**Hazard Classification** Acute Toxicity (Oral) Category 4  
Skin Corrosion/Irritation Category 2  
Serious eye damage Category 1  
Specific target organ toxicity - single exposure Category 3

### Label elements



**Signal Word** Danger

**Hazard Statement** H302 Harmful if swallowed.  
H315: Causes Skin Irritation.  
H318: Causes Serious Eye Damage.  
H335 May cause respiratory irritation.

**Precautionary Statement** Do Not Breathe Dust Or Mist.  
Use Only Outdoors Or In A Well-ventilated Area.  
Wash Hands Thoroughly After Handling.  
Do Not Get In Eyes, On Skin, Or On Clothing.  
If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing.  
If On Skin (or Hair): Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/shower.  
If In Eyes: Rinse Cautiously With Water For Several Minutes. Remove Contact Lenses If Present And Easy To Do - Continue Rinsing.  
If Swallowed: Rinse Mouth. Do Not Induce Vomiting.  
Immediately Call A Poison Center Or Doctor/physician.  
Wash Contaminated Clothing Before Reuse.  
Absorb Spillage To Prevent Material Damage.  
Store In A Closed Container. Store Locked Up.  
Keep Out Of Reach Of Children.

## SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration %
Sodium Metasilicate	6834-92-0	30-60
Sodium Carbonate	497-19-8	40-70
Sodium Hydroxide	1310-73-2	5-10



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## SECTION 04: FIRST-AID MEASURES

<b>Inhalation</b>	Remove to fresh air. Get medical attention if symptoms occur.
<b>Skin contact</b>	Wash off immediately with plenty of water. Wash clothing before reuse. Seek medical attention if symptoms occur.
<b>Eye</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>Most important symptoms/effects, acute and delayed</b>	See Section 11 for more detailed information on health effects and symptoms.

## SECTION 05: FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry chemical, carbon dioxide, foam or water spray.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	Thermal decomposition may lead to release of irritating and toxic vapours, may cause burns of eyes, skin and mucous membranes.
<b>Special protective equipment and precautions for firefighters</b>	Wear full protective equipment including a self-contained breathing apparatus.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing dust.

### Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal.

## SECTION 07: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Do not breathe vapours/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide effective exhaust ventilation system.
<b>Conditions for safe storage</b>	Keep container tightly closed in a dry and well-ventilated place.



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## SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits** Overall Product: None established.

Ingredient: Sodium Metasilicate  
TWA: 2mg/m3

Ingredient: Sodium Carbonate  
TWA: 10mg/m3 (8 hour)

Ingredient: Sodium Hydroxide  
ACGIH TLV Ceiling: 2 mg/m3  
OSHA PEL TWA: 2 mg/m3 (vacated) Ceiling: 2 mg/m3

**Appropriate Engineering Controls** Effective exhaust ventilation system.

**Personal Protective Equipment** Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Gloves** Rubber, vinyl or neoprene

**Respiratory** Wear approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Eye** Wear eye protection/face protection.

**Clothing** Dust impervious protective suit. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

**Odour** Pine odour

**Physical State** Powder

**Color** Yellow

**Odour Threshold** No data available.

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**pH** 12.0 - 13.0 (5% solution)

**Freezing Point (°C)** No data available.

**Initial Boiling Point (°C)** No data available.

**Flashpoint (°C)** No data available.

**Evaporation Rate** No data available.

**Flammability** No data available.

**Lower Explosive Limit** No data available.

**Upper Explosive Limit** No data available.

**Lower Flammability Limit** No data available.

**Upper Flammability Limit** No data available.

**Vapour Pressure (mm)** No data available.

**Vapour Density (Air = 1)** No data available.

**Relative Density** No data available.

**Solubility** Soluble

**Partition coefficient (n-octanol/water)** No data available.

## SECTION 10: STABILITY AND REACTIVITY

**Auto Ignition Temp. (°C)** No data available.

**Decomposition Temperature** No data available.

**Viscosity** No data available.

**Reactivity** This material is considered to be non reactive under normal use conditions.

**Chemical Stability** Stable under normal conditions.

**Possibility of hazardous reactions** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Conditions to avoid** Contact with concentrated acids.

**Incompatible Materials** Metals, Acids

**Hazardous Decomposition Products** May liberate carbon monoxide, carbon dioxide or oxides of sodium.



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## SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin Contact     Eye Contact     Ingestion  
 Skin Absorption     Inhalation

Toxicological Information

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

**EYES:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva. Eye contact may cause permanent damage.

**SKIN:** Brief contact may cause irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

**INHALATION:** Irritant of the nose and throat, causing coughing, difficulty breathing, and pulmonary edema.

**INGESTION:** Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and diarrhea.

Chronic Exposure : Health injuries are not known or expected under normal use.

Toxicity

Respiratory or skin sensitization : no data available

Carcinogenicity : no data available

Reproductive effects : no data available

Germ cell mutagenicity : no data available

Teratogenicity : no data available

## Numerical Measures Of Toxicity

Hazardous Ingredients	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Sodium Metasilicate	LD50 (Oral, Rat) 1152-1379 mg/kg
Sodium Carbonate	LD50 (Oral, Rat) 4090 mg/kg
100% Sodium Hydroxide Data	LD <sub>50</sub> (Dermal, Rabbit) 1350 mg/kg LD <sub>50</sub> (Oral, Rabbit)= 500mg/kg LD <sub>50</sub> (Oral, Rat)= 100mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No data available.



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**Persistence and degradability** No data available.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal methods** In accordance with municipal, provincial and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

**UN number** Not regulated under TDG.

**TDG Classification** N/AP

**Packing group** N/AP

**Special Shipping Instructions** None.

## SECTION 15: REGULATORY INFORMATION

**Regulatory Information** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

## SECTION 16: OTHER INFORMATION

N/AP = Not Applicable

N/AV = Not Available

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

GHS: Globally Harmonized System

HPR : Hazardous Products Regulations

IARC: International Agency for Research on Cancer

NIOSH: The National Institute for Occupational Safety and Health

NTP : National Toxicology Program

OSHA : United States Department of Labor - Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time-Weighted-Average

**Prepared By:** Crown Chemical Manufacturing Inc

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