

## SDS - SAFETY DATA SHEET

### SECTION I: PRODUCT IDENTIFICATION

**Product name:** MASTERS® HVAC MULTI-PURPOSE CLEANER

**Product use:** All purpose cleaner.

**Supplier name and address:**

G.F. THOMPSON CO. LTD.  
620 Steven Court, Unit 11  
Newmarket, Ontario  
L3Y 6Z2  
905-898-2557

**Manufacturer name and address:**

Refer to supplier.

**24 hr Emergency Tel:**

1-877-740-5015

### SECTION II: HAZARDS IDENTIFICATION

GHS Pictogram:



**Signal Word: Danger**

**Classification: Skin corrosion – Category 1**

**Causes severe skin burns and eye damage**

**Precautionary Statements:**

Do not breathe dust or mists

Wash hands and skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove person to fresh air and keep comfortable for breathing

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 CENTRE or doctor

Wash contaminated clothing before reuse

Store locked up

Dispose of contents and container in accordance with local, regional and international regulations

**SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS**

Substance	CAS #	Amount, %
Ethoxylated C12-15 alcohol	68131-39-5	3-7
Disodium Metasilicate	6834-92-0	1-5

**Note:** Concentration ranges due to batch processing. Documentationsupporting composition variability is maintained

**SECTION IV: FIRST AID MEASURES****INHALATION**

Remove source of exposure or move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Immediately call a Poison Centre or doctor.

**SKIN CONTACT**

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse skin with lukewarm, gently flowing water for at least 30 minutes. Immediately call a Poison Centre or doctor.

**EYE CONTACT**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face.

**INGESTION**

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Drink two glasses of water. Immediately call a Poison Centre or doctor.

**SECTION V: FIREFIGHTING MEASURES****Suitable Extinguishing Media**

Non-combustible. Use extinguishing agent suitable for surrounding fire. Use water to keep non-leaking, fire exposed containers cool.

**Unsuitable Extinguishing Media**

Not applicable.

**Specific Hazards Arising from the Product**

Does not burn.

Carbon oxides, and other unidentified organic compounds

**Special Protective Equipment and Precautions for Firefighters**

See Skin Protection in SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION for advice on suitable chemical protective materials

**SECTION VI: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section VIII of this Safety Data Sheet. Remove or isolate incompatible materials as well as other hazardous materials.

**Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

**Methods and Materials for Containment and Cleaning Up**

Contain and soak up spill with absorbent that does not react with spilled product. Contaminated absorbent poses the same hazard as the spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

**SECTION VII: HANDLING AND STORAGE**

**Precautions for Safe Handling**

It is good practice to: avoid breathing product; avoid eye contact and wash hands after handling. Only use where there is adequate ventilation. Keep containers tightly closed when not in use or empty.

**Conditions for Safe Storage**

Store in an area that is: well-ventilated, cool, dry.

Store in a closed container. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this Safety Data Sheet.

**SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters – Not Available**

**Appropriate Engineering Controls**

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted. Provide eyewash and safety shower if contact or splash hazard exists.

**Individual Protection Measures**

Eye/Face Protection	Wear chemical safety goggles.
Skin Protection	Wear chemical protective clothing eg. Gloves, aprons, boots. Suitable materials are: butyl rubber, neoprene rubber, polyvinyl chloride
Respiratory Protection	Not normally required if product is used as directed.

**SECTION XI: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Pale yellow
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	12.9
<b>Melting Point/Freezing Point</b>	Not applicable
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid/gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.04 at 15°C
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	<14 centistokes at 40°C (kinematic)
<b>Other information</b>	
<b>VOC %</b>	Not available
<b>Flame projection</b>	Not applicable
<b>NFPA Classification</b>	Not applicable

### SECTION X: STABILITY AND REACTIVITY

<b>Reactivity:</b>	None known
<b>Chemical stability:</b>	Normally stable
<b>Possibility of hazardous reactions:</b>	None known
<b>Conditions to avoid:</b>	Incompatible materials
<b>Incompatible materials:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	Carbon oxides. And other unidentified organic compounds

## SECTION XI: TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified

**Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion

Chemical name	LC50	LD50 (oral)	LD50 (dermal)
Disodium Metasilicate	Not available	600 mg/kg (rat)	>4640mg/kg (rabbit)

5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)

5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

### **Skin corrosion/irritation**

(Disodium Metasilicate) human experience and animal tests show skin corrosion.

### **Serious Eye Damage/Irritation**

(Disodium Metasilicate) animal tests show serious eye damage

### **STOT (Specific Target Organ Toxicity) – single exposure**

#### **Inhalation**

Causes severe nose and throat irritation

#### **Ingestion**

Causes severe irritation or burns to the mouth, throat and stomach

Aspiration Hazard

Not known to be an aspiration hazard

### **STOT (Specific Target Organ Toxicity) – Repeated Exposure**

Conclusions cannot be drawn from the limited studies available.

#### **Respiratory and/or skin sensitization**

No information was located for respiratory sensitization

No information was located for skin sensitization

### **Carcinogenicity**

Not a carcinogen

No ingredients of this product have been evaluated for carcinogenicity by the International Agency for Research on Cancer (IARC), the American Conference of Governmental Industrial Hygienists (ACGIH) or the US National Toxicology Program (NTP)

No information was located for: Development of Offspring, Sexual Function and Fertility, Effects on or via lactation, Germ Cell Mutagenicity, Interactive Effects

## SECTION XII: ECOLOGICAL INFORMATION

Refer to the supplier for Ecological Information

**SECTION XIII: DISPOSAL CONSIDERATIONS**

Refer to the supplier for Disposal Considerations.

**SECTION XIV: TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations. Not Regulated under IATA Regulations.

**Special Precautions:** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

**Other Information:** Not regulated under IMDG Code.

**SECTION XV: REGULATORY INFORMATION**

Refer to the supplier for Regulatory Information

**SECTION XVI: OTHER INFORMATION**

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