

SECTION I – PRODUCT IDENTIFICATION

Identity:	GLASS AND STAINLESS STEEL CLEANER
Brands:	#111 GLASS AND STAINLESS STEEL CLEANER
Manufacturer Name and Address:	Meterpak Inc., 1270 Fewster Drive, Mississauga, ON L4W 1A4 Canada Tel: (905) 624-3066
Chemical Class:	Mixture
Transportation Emergency (24 hour) Telephone Number – CHEMTREC: 1-800-424-9300 – U.S. and Canada; 1-703-527-3887 – for calls originating elsewhere	

SECTION II – HAZARDS IDENTIFICATION

Product is packed in water soluble pouches. Direct contact with powder unlikely under normal conditions. However, under upset or unusual conditions:

GHS Classification: For contents of pouch: Skin irritant – Category 2
 Serious Eye Damage – Category 1



DANGER!
 Causes serious eye damage.
 Causes skin irritation.

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestion: May cause transient gastrointestinal irritation.
 Eye Contact: Contact may cause serious eye damage.
 Skin Contact: Contact may cause irritation.
 Inhalation: Exposure to dust may cause respiratory tract irritation.

Potential Environmental Effects: (See Section 12 for more information).

SECTION III – COMPOSITION AND INGREDIENTS

Chemical Name	Common Name	CAS No.	Composition Range
Sodium Alkylphenyl Sulfonate	Surfactant	N/A	50 – 70%
Alkylbenzene Sulfonate	Surfactant	N/A	15 – 25%
Tetrasodium EDTA	EDTA	64-02-8	10 – 20%

SECTION IV – FIRST AID INFORMATION

First Aid Procedures:

Ingestion: Dilute by drinking 1-2 glasses of water. Do NOT induce vomiting. Consult a physician.
 Eye Contact: Flush eyes thoroughly with lukewarm water for 15 minutes. Consult a physician.
 Skin Contact: Rinse exposed area with water. If irritation persists, consult a physician.
 Inhalation: Leave dusty area. Get medical attention if symptoms occur.

SECTION V – FIRE FIGHTING INFORMATION

Flash Point (Method Used): N/A

Flammable Properties:

Upper Flammable Limit: N/K
 Lower Flammable Limit: N/K

Explosive Limits: UEL: N/A LEL: N/A

Auto-Ignition Temperature: N/A

Hazardous Combustion Products: Oxides of carbon and sulfur

Explosion Data (Sensitivity to Mechanical Impact): N/K

Explosion Data (Sensitivity to Static Discharge): N/K

SECTION V – FIRE FIGHTING INFORMATION (cont'd)**Extinguishing Media:**Suitable: CO₂, water, or dry chemical

Unsuitable: None known

Protection of Firefighters:

Specific Hazards Arising from the Material: None known

Protective Equipment and Precautions for Firefighters: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially irritating or sensitizing fumes.

SECTION VI – ACCIDENTAL RELEASE MEASURES**Personal Precautions:** Minimize dust levels while collecting product (see "Inhalation" health effects). Prevent exposure to dust with NIOSH approved respirators with HEPA filters. Minimize prolonged skin contact by using gloves.**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Dry product may be landfilled if permitted by local regulations. Discard empty container in trash. Wastewater containing product may be sewerage in compliance with all federal and state/provincial regulations, and local ordinances.**Methods for Containment:** For dry product spills, collect material in an approved container while minimizing dust generation. Vacuum, as appropriate, remaining dust on floor.**Methods for Cleanup:** Recycle or dispose of product, as necessary, in accordance with regulations. Wipe up all small spills with a damp cloth. Dispose of according to local regulations.**SECTION VII – HANDLING AND STORAGE****Precautions To Be Taken in Handling:** Do not handle with wet hands. Avoid breathing product dust. Wash before eating.**Precautions To Be Taken in Storage:** Store in a cool, dry place. Keep product dry to maintain free-flowing granules.**SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines:** Minimize dust.**Engineering Controls:** Standard room ventilation.**Personal Protective Equipment (PPE):**

Eye/Face Protection: None required for normal, consumer use.

Skin Protection: None required for normal, consumer use.

Respiratory Protection: None required for normal, consumer use.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**Appearance (color, physical form, shape):**

Grey/blue powder in a water-soluble pouch.

Odor: Unscented**Physical State:** Solid granules at 68°F (20°C)**Vapor Pressure (mm Hg):** N/A**Vapor Density (Air=1):** N/A**Boiling Point:** N/A**Partition Coefficient (n-octanol/water):** N/A**Flash Point (Method Used):** N/A**Odor Threshold:** N/A**Solubility in Water:** Completely soluble at 68°F (20°C)**Decomposition Temperature:** N/A**Evaporation Rate (nBuOAc=1):** N/A**Melting/Freezing Point:** N/A**pH (of a 1% solution):** 7.0**Volatile Organic Compound (VOC):** Not Applicable – Product not regulated for VOC Content at State or Federal level.**SECTION X – STABILITY AND REACTIVITY****Chemical Stability:** Stable**Conditions to Avoid:** Open flame.**Incompatible Materials:** Strong oxidizers, acids**Hazardous Decomposition Products:** Oxides of carbon and sulfur.**Possibility of Hazardous Reactions:** No hazardous reactions known under normal use conditions.**SECTION XI – TOXICOLOGICAL INFORMATION**

Product is sold in water-soluble pouches, direct contact is unlikely. However, under upset or unusual conditions:

Signs and Symptoms of Exposure:

Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting, and/or diarrhea.

Eye Contact: Eye contact with the product may produce irritation or serious eye damage.

Skin Contact: Skin contact with the product or its aqueous solution may produce irritation.

Inhalation: Heavy exposure to dust may cause respiratory tract irritation.

Medical Conditions Generally Known to be Aggravated by Exposure: None known.

Toxicity Of Components:Sodium Alkylphenyl Sulfonate LD₅₀ (Oral Rat) = >5000 mg/kgAlkylbenzene Sulfonate LD₅₀ (Oral Rat) = 300 - 2000 mg/kgTetrasodium EDTA LD₅₀ (Oral Rat) = 1780 mg/kg

SECTION XI – TOXICOLOGICAL INFORMATION (cont'd)

Chronic Effects: No chronic health effects expected.

Target Organs: No target organs reported.

Carcinogenicity: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, NTP or ACGHH

SECTION XII – ECOLOGICAL INFORMATION

Based on ecotoxicity and chemical fate data the ingredients in this product are not expected to harm the environment when disposed of through normal routes of use.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

Normal Use: Consumer may discard empty container in trash, or recycle where facilities exist.

SECTION XIV – TRANSPORT INFORMATION

Transport: Not regulated as a dangerous good.

SECTION XV – REGULATORY INFORMATION

United States

All intentionally added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable

SARA 313/302/304 chemicals: None

SARA 311/312 chemicals: Acute health hazard

California Prop. 65

WARNING! This product contains trace amounts of a chemical known in the State of California to cause cancer.

Naphthalene 91-20-3

CANADA

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this SDS contains all information required by the Controlled Products Regulations.

SECTION XVI – OTHER INFORMATION

Perfumes contained within the products covered by this SDS comply with appropriate IFRA guidance.

Hazard Rating:	Health: 2	4 = EXTREME
	Flammability: 1	3 = HIGH
	Reactivity: 0	2 = MODERATE
		1 = SLIGHT
		0 = NOT SIGNIFICANT

* N/A. – Not Applicable

*N/K – Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Meterpak Inc. to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of the material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Meterpak Inc. assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.