



Safety Data Sheet

ConcKleen

SECTION 1. IDENTIFICATION

Product Identifier ConcKleen
Other Means of Identification Code No. 130
Recommended Use Alkaline Cleaner.
Restrictions on Use Use only as directed according to label instructions.
Manufacturer Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
Emergency Phone No. CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM
SDS No. 0220

SECTION 2. HAZARD IDENTIFICATION

Classification

Acute toxicity (Oral) - Category 4; Skin corrosion - Category 1B; Serious eye damage - Category 1

Label Elements



Danger
Corrosive
Causes severe eye damage and skin irritation or burns.
Harmful if swallowed.
Do not breathe dusts or mists.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Sodium metasilicate pentahydrate	10213-79-3	30-60		
Sodium carbonate	497-19-8	10-30		
Alcohols, C9-11, ethoxylated, liquids	68439-46-3	1-5		

Notes

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

Product Identifier: ConcKleen - Ver. 1
Date of Preparation: August 27, 2020
Date of Last Revision:

SDS No.: 0220

Page 01 of 06

First-aid Measures

Inhalation

If irritation is experienced, remove person to fresh air.
Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

IF ON SKIN (or hair), remove all contaminated clothing and launder before reuse.
Rinse skin with plenty of water or shower.
Call a physician if irritation develops or persists.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.
If eye irritation persists, get medical advice or attention.

Ingestion

In case of ingestion, call a doctor or anti-poison Centre.

Most Important Symptoms and Effects, Acute and Delayed

Harmful if swallowed.
May cause severe eye irritation or burns.
May cause skin irritation on prolonged contact.
May irritate the respiratory system.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, skin, respiratory system, digestive system.

Medical Conditions Aggravated by Exposure

Asthma, skin allergies.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

This product presents no unusual hazards in a fire situation.

Special Protective Equipment and Precautions for Fire-fighters

Wear full fire fighting equipment and self contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear splash proof goggles, chemical resistant gloves and rubber boots.
Do not allow contact with clothing.
Wear NIOSH approved M95 dust mask.

Environmental Precautions

Large quantities of this material should be swept up with a minimal amount of dust generation and placed in a suitable container for disposal.

Methods and Materials for Containment and Cleaning Up

Avoid generating dust.
Use ventilation adequate to keep exposures (airborne levels of fumes / vapours) below recommended exposure limits.
Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

Product Identifier: ConcKleen - Ver. 1

SDS No.: 0220

Date of Preparation: August 27, 2020

Date of Last Revision:

Page 02 of 06

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid breathing in this product.
Do not get in eyes, on skin or on clothing.
Do NOT ingest.
Keep containers tightly sealed when not in use.
Wear NIOSH approved M95 dust mask.
Wear gloves and eye protection as a precaution.

Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.
Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Alcohols, C9-11, ethoxylated, liquids	Not established		Not established			
Sodium metasilicate pentahydrate	Not established					
Sodium carbonate	Not established					

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear protective gloves and clothing to prevent skin contact.

Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.
Wear a NIOSH approved M95 dust mask.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Orange powder.
Odour	Low odour
Odour Threshold	Not available
pH	~ 12.5 (1% solution)
Melting Point/Freezing Point	Not available (melting); Not applicable (freezing)
Boiling point/Initial boiling point	Not applicable
Boiling Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available

Product Identifier: ConcKleen - Ver. 1
Date of Preparation: August 27, 2020
Date of Last Revision:

SDS No.: 0220

Page 03 of 06

Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperatures.

Freezing.

Incompatible materials.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

Hazardous Decomposition Products

May include but are not limited to oxides of carbon, nitrogen and ammonia.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Alcohols, C9-11, ethoxylated, liquids		1378 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium metasilicate pentahydrate		847 mg/kg (rat)	
Sodium carbonate	2300 mg/m ³ (rat) (2-hour exposure)	2390 mg/kg (rat)	Not available

Skin Corrosion/Irritation

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

Serious Eye Damage/Irritation

May cause severe irritation or burns.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Product Identifier: ConcKleen - Ver. 1

Date of Preparation: August 27, 2020

Date of Last Revision:

SDS No.: 0220

Page 04 of 06

May cause irritation of the respiratory system.

Skin Absorption

May cause severe irritation or burns on prolonged contact.

Ingestion

May cause burns or irritation of the digestive system including nausea or vomiting. Harmful if swallowed.

Aspiration Hazard

May be drawn into the lungs (aspirated) if swallowed or vomited.

Respiratory and/or Skin Sensitization

May cause an allergic reaction (skin sensitization) based on information for closely related chemicals.

Carcinogenicity

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

Not known to be a mutagen.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause adverse effects in the aquatic environment.

Persistence and Degradability

May cause long-term adverse effects in the aquatic environment.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3262	Corrosive Solid, Basic Inorganic (N.O.S. (Disodium Trioxosilicate Mixture))	8	III

Special Precautions Not applicable

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

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

SECTION 16. OTHER INFORMATION

SDS Prepared By	Mark Bryans
Phone No.	(905) 648-7832 ext 351
Date of Preparation	August 27, 2020
Disclaimer	<p>To the best of our knowledge, the information contained herein is accurate. However, the user of this product assumes all risks and responsibilities relating to the use of this product. No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or product to which the information refers.</p>

Product Identifier: ConcKleen - Ver. 1
Date of Preparation: August 27, 2020
Date of Last Revision:

SDS No.: 0220

Page 06 of 06