



SAFETY DATA SHEET: HydroKleen-C

1 Identification

GHS Product Identifier

GD-HKC-EX

Other means of identification

HydroKleen-C

Recommended use of the chemical and restriction on use

Laundry detergent (Wet Cleaning)

Supplier's details

Exttox Industries Inc.
6419 Netherhart Rd.
Mississauga, ON L5T 1C3
905-670-7738 / 1-800-501-8601

Emergency phone number

1-800-501-8601 / CANUTEC 1-888-226-8832

2 Hazard(s) identification

Classification of the substance or mixture

Skin and eye irritant

GHS label elements

Warning



Causes skin irritation

Causes eye irritation

May cause respiratory irritation

Wash hands thoroughly after handling.

IF ON SKIN: Wash with plenty of soap and water.

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 CENTER or doctor/physician.

If skin irritation occurs: Get medical advice/attention.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
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Water	7732-18-5	20 - 27
Polyethoxylated methyl sulfate	68410-69-5	3 - 4
Diethylene glycol	111-46-6	0.3 - 0.7
Aminofunctional siliconopolymer	68554-54-1	0.6 - 1

4 First-aid measures

Description of necessary first-aid measures

Eye: Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, seek medical attention immediately.

Skin: Immediately flush with water for 15 minutes. Seek medical attention immediately if irritation persists. Remove contaminated clothing and launder before reuse.

Inhalation: No significant hazard.

Ingestion: DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing. Seek medical attention.

5 Fire-fighting measures

Suitable extinguishing media

WATER FOG. FOAM. DRY CHEMICAL POWDER. CARBON DIOXIDE (CO2). Use appropriate extinguishing media for surrounding fires.

Specific hazards arising from the chemical

None

Special protective actions for fire-fighters

None

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Isolate area. Keep unprotected personnel away. Stay upwind. Keep out of low areas. Wear appropriate protective equipment given in Section 8. Ventilate closed spaces before entering.

Methods and materials for containment and cleaning up

Dike area and contain spill if safe to do so. Keep from entering sewers and ditches which lead to waterways. Collect leaking & spilled liquid in sealable containers as far as possible. Wear protective equipment and clothing during clean up.

7 Handling and storage

Precautions for safe handling

Avoid prolonged or repeated contact.

Conditions for safe storage, including any incompatibilities

Store at cool temperature. Keep well ventilated.

8 Exposure controls/personal protection

Individual protection measures

Skin: Wear suitable protective clothing. Use impervious goggles.

Eyes: Wear chemical goggles. Face shield.

Respiratory: If ventilation is not sufficient to effectively prevent buildup of aerosols or vapours, an appropriate NIOSH/MSHA respiratory must be provided.

Other:

9 Physical and chemical properties

Physical and chemical properties

Physical State	liquid	Appearance / colour	white
Odour	mild	Odour Threshold	no data available
Boiling Point	100°C	Freezing Point	0°
Relative Density (water=1)	no data available	Solubility in Water	complete
pH	4.5-5.5	Partition Coefficient, n-Octano/Water	no data available
Vapour Pressure	no data available	Vapour Density (air=1)	no data available
Evaporation Rate	no data available	Flash Point	no data available
Specific gravity	8	Density	no data available
Viscosity, kinematic	no data available	Explosive limits	no data available

10 Stability and reactivity

Reactivity

None known.

Chemical stability

Normally stable. See STORAGE AND HANDLING, SECTION 7.

Conditions to avoid

Isolate from incompatible conditions.

Incompatible materials

Strong oxidizers.

11 Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Eyes/Skin: May cause reddening and irritation upon exposure. Permanent damage to eyes may result.

Inhalation: May cause irritation to respiratory tracts.

Ingestion: May cause irritation of lips, mouth and throat. May cause nausea, vomiting and abdominal pain.

Delayed and immediate effects and also chronic effects from short and long term exposure

May cause severe skin burns and eye damage. May cause respiratory irritation. May cause severe burning in mouth, throat and abdomen upon ingestion. Long term exposure may cause damage to eyes, and serious rash and irritation to skin.

Numerical measures of toxicity (such as acute toxicity estimates)

>10000 mg/kg (Oral), >20000 mg/kg (dermal)

Mixture versus ingredient information

Ingredients	LD50 (Oral)	LD50 (Dermal)	LD50 (In)
Water	>2000 (rat)	No Data	No Data
Methyl tallow diethylenetriamine condensate	>2000 (rat)	>2000 (rat)	No Data
Polyethoxylated methyl sulfate	>2000 (rat)	>2000 (rat)	No Data
Diethyl glycol	1600 (rat)	No Data	No Data
Aminofunctional siliconopolymer	438 (rat)	No Data	No Data

12 Ecological information

Toxicity

No additional information available

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

No additional information available

13 Disposal considerations

Disposal methods

In accordance with municipal, provincial and federal regulations.

14 Transport information

UN Number

Not classified

Transport hazard class(es)

Not classified

Environmental hazards

Not classified

Special precautions for user

None

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

WHMIS 2015 Refer to HAZARDS IDENTIFICATION, Section 2

16 Other information

Other information

Prepared by: EXTOX INDUSTRIES INC. 905 670 7738

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