

1- IDENTIFICATION

Product name: **GÉNIE**
Description: Detergent dégreaser
Product family: Aqueous mixture
Restriction of use: Dilute to use
Supplier/Manufacturer: MANIC SANITATION
66 rue Fraser, Rivière -du-Loup, Qc, G5R 1C2
Tel: 418-862-6393

2- HAZARDS IDENTIFICATION

Product classification:

Other health effects (less severe)
Skin / respiratory and ocular and respiratory irritant

GHS pictogram:**Signal word:**

WARNING

May cause irritation or moderate burns in direct contact with the skin, eyes.
May cause irritation of the respiratory and digestive tracts.
Harmful if swallowed in large quantities.

Individual protection:

Visor or splash goggles.
Rubber or neoprene gloves.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

<u>Name</u>	<u>CAS Number</u>	<u>% weight</u>
Sodium metasilicate	6834-92-0	1-5
Ethoxylates alcohol	68131-39-5	3-7
(C12-C18)Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0,5-1,5
(C12-C18)Alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6	0,5-1,5

4- FIRST AID MEASURES

Eye contact: Quickly rinse the eyes using a large amount of water for at least 30 minutes. See a doctor.

Skin contact: Remove contaminated clothing quickly using gloves. Rinse skin with water for 20 minutes or until the chemical is removed. If irritation persists see a doctor.

Inhalation:	After inhalation of mist, remove to a ventilated area and place in a semi-sitting position. In case of breathing difficulties, transfer immediately to the emergency medical service nearest you.
Ingestion:	If swallowed, rinse mouth. Drink a glass of water. Do not induce vomiting and consult a doctor immediately.

5- FIRE-FIGHTING MEASURES

Flamability of the product:	Not flammable
Extinguishing media:	Use any extinguishing media appropriate to surrounding.

6- ACCIDENTAL RELEASE MEASURES

Personal protection:	Respiratory protection with full face mask. Rubber gloves with long sleeve. Rubber boots. Tight tracksuits
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Environnemental precautions: Avoid dispersal from entering sewers, waterways or low areas.

Methods for cleaning:	Small spill: Mop up or absorb liquid with inert absorbent material. Contain residues in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, rinsing with water. Large spill: Ventilate the premises. Absorb with inert absorbent material. Contain residues in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, rinsing with water.
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7- HANDLING AND STORAGE

Handling:	This product should be diluted before use. Avoid those that produce a dust cloud. Never add water to this product, for dilution slowly add the product to water, stirring constantly. Handle away from incompatible materials. Avoid contact with skin. Wear eye protection and equipment in case of insufficient ventilation, suitable respiratory protective device. Workers handling transvasent or corrosive substances must wear appropriate personal protective equipment. This product is corrosive: if handled or transferred regularly or frequently, eyewash or true emergency showers must be made available to workers and be located near the work station. Avoid wearing contact lenses when handling the product.
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Incompatibility with:	Acids
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Storage:	In a cool, dry place. Between 5°C and 35 ° C. Keep out of freezing.
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8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	TLV - ACGIH*
Sodium metasilicate	not avail
Ethoxylates alcohol	not avail
(C12-C18)Alkyl dimethyl benzyl ammonium chloride	not avail
(C12-C18)Alkyl dimethyl ethylbenzyl ammonium chloride	not avail

**Consult local officials to know the exposure values considered acceptables.*

<u>Engineering measures:</u>	Eyewash and emergency showers near the working place of decanting.
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Personal protection

Respiratory:	None generally required if ventilation is normal and proper.
Eye:	Visor or safety goggles. Do not wear contact lenses when handling the product.
Hands:	Rubber or nitrile gloves
Clothing:	Use a rubber apron or long sleeve waterproof shirt depending on the nature of the work to be performed.
General:	Do not wear contact lenses when handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green liquid
Odour:	Citrus
Odor threshold:	not available
pH:	13.3
Freezing point / melting point:	not available
Boiling point:	not available
Flash point:	not available
Evaporating rate:	not available (ether=1)
Flammability:	not flammable
Flammable limits	not available
Vapor pressure:	not available (mm Hg)
Vapor density:	not available (air=1)
Specific gravity:	1.071 (water=1)
Solubility in water:	Miscible in cold water as with hot water.
N-octanol / water partition coefficient:	not available
Auto ignition temperature:	not available
Decomposition temperature:	not available
Viscosity:	15 cps (22°C, spindle #1, 20rpm)

10- STABILITY AND REACTIVITY

Chemical stability:	The product is stable under normal condition.
Hazardous reactions:	Refer to Section 7 incompatible materials
Decomposition products:	No data
Incompatibility with:	Refer to Section 7 incompatible materials

11- TOXICOLOGICAL INFORMATION

Acute toxicity

Datas: There are no data for the product, only for the ingredients

Name	<u>DL₅₀ (rat, oral)</u>	<u>CL₅₀ (rat, 4h)</u>
Sodium metasilicate	1153mg/kg	not av
Ethoxylates alcohol	2000mg/kg	not av
(C12-C18)Alkyl dimethyl benzyl ammonium chloride	344mg/kg	not av
(C12-C18)Alkyl dimethyl ethylbenzyl ammonium chloride	344mg/kg	not av

Chronic health effects**Health effects**

Sensitizer	No data available
Carcinogenicity	No data available
Teratogenicity	No data available
Reproductive effects:	No data available
Synergistic product:	No data available

12- ECOLOGICAL INFORMATION

Ecotoxicity: (fish, aquatic invertebrates, aquatic plants, microorganisms): No data

Biodegradability: No data

Other adverse effects: No data

13- DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations. The empty container may retain product residues, do not reuse the container. Empty packaging can be recycled.

14- TRANSPORT INFORMATION

TGD classification: UN1903, DESINFECTANT, LIQUID, CORROSIVE N.O.S., (Quaternary ammonium compounds), Class 8, PG III

Additional information: Limited quantity 5L

**15- REGULATORY INFORMATION**

WHMIS 1988 (Canada): D2B Material causing other health effects. Irritating Skin / eye / respiratory

**16- OTHER INFORMATION**

Date of issue: 2017-11-14

References:

1. Manufacturer Datasheet
2. CNESST, Toxicological Directory, Products
3. RPD-SOR-2015-17
4. Technical Guidance on the Requirements of the Hazardous Products Act and the Hazardous Products Regulations - WHMIS 2015 Supplier Requirements

Notice to reader

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