

1- IDENTIFICATION

Product name:	OPTIMUM
Description:	Powdered laundry detergent
Product family:	Granular mixture
Supplier/Manufacturer:	COMERCO SERVICES INC. Laval (Qc) H7T 1A1 Tél: 1-866-503-3358

2- HAZARDS IDENTIFICATION

WARNING! EYE AND SKIN IRRITANT AND RESPIRATORY TRACT

WHMIS No symbol	Suggested individual protection 	TDG Not regulated
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3- COMPOSITION/INFORMATION ON INGREDIENTS

Mix

<u>Name</u>	<u>CAS Number</u>	<u>% weight</u>	<u>TLV - ACGIH</u>
Sodium carbonate	497-19-8	60-100	not av
Sodium metasilicate	6834-92-0	5-10	not av
Sodium tetraborate	1330-43-4	5-10	1 mg/m ³
Ethoxylated alcohol	68131-39-5	1-5	not av

4- FIRST AID MEASURES

Eye contact:	Remove contact lenses. Rinse with a gentle stream of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately
Skin contact:	Remove clothing. Rinse skin thoroughly with water. Seek medical attention if redness is present. Wash clothing before reuse.
Inhalation:	Raise to fresh air.
Ingestion:	DO NOT INDUCE VOMITING. Wash out with water mouth and drink large quantities of water and get medical attention immediately.

5- FIRE-FIGHTING MEASURES

Flamability of the product:	not flammable, non combustible
Flash point:	not applicable
Extinguishing media:	not applicable
Protection for fire-fighting:	not applicable

6- ACCIDENTAL RELEASE MEASURES

Personal protection:	Wear safety goggles, waterproof gloves and a tracksuit. A respirator/ dust mask if fine dust in the air. Do not walk on the spill.
Environmental precautions:	Prevent from entering sewers, waterways or low areas.
Methods for cleaning:	Small spills: Pick up a broom and dustpan. Rinse with water. Large spill: Shovel, concatenate and throwing away if the powder is contaminated. Otherwise try to reuse Refer to section 13 for waste disposal. Resume cleaning by rinsing with water.
Other information:	None

7- HANDLING AND STORAGE

Handling:	All employees who handle this material should be trained to handle safety as per good industrial practices. Handle with Care.
Incompatibility with:	Strong oxidizing and reducing agents.
Storage:	Keep container closed in a dry cool place. Keep the lid tightly closed. Avoid freezing.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures:	Normal and suitable airing
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Personal protection

Respiratory:	None generally required
Eye:	Safety glasses
Hands:	Waterproof gloves
Chlothing:	non available
General:	none

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Granular powder
Color:	White to yellowish
Odour:	Fresh linen
pH:	11,4 (1% solution)
Specific gravity:	Not available
Boiling point:	Not applicable
Freezing point/melting point:	Not available
Viscosity:	Not applicable
Auto ignition temperature:	Not available
Solubility:	Soluble in cold or warm water

10- STABILITY AND REACTIVITY

Chemical stability:	The product is stable
Hazardous reactions:	The product is not explosive
Decomposition products:	None under normal conditions of storage and handling
Incompatibility with:	See section 7

11- TOXICOLOGICAL INFORMATION

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

Name	<u>DL₅₀ (rat, oral)</u>	<u>CL₅₀ (rat, 4h)</u>
Sodium carbonate	2390mg/kg	not av
Sodium metasilicate	1280mg/kg	not av
Sodium tetraborate	not av	not av
Ethoxylated alcohol	2000mg/kg	not av

Chronic health effects

Carcinogenic effects:	No data
Teratogenic effects:	No data
Reproductive effects:	No data
Synergistic product:	No data

12- ECOLOGICAL INFORMATION

Ecotoxicity: (fish, aquatic invertebrates, aquatic plants, microorganisms): no known data

Biodegradability: No known data

Other adverse effects: No known data

13- DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations. Empty packaging can be reused and recycled.

14- TRANSPORT INFORMATION

TDG classification: Not regulated as per dangerous goods

Additional information: None

15- REGULATORY INFORMATION

WHMIS (Canada): D2B material with other toxic effects / eye irritant
Hazard category not requiring a symbol.

16-OTHER INFORMATION

Date of issue: 2017-03-13

Préparé pour Comerco Services inc.

References:

1. Manufacturer Datasheet
2. CNESST, Toxicological Directory, Products

Notice to reader

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