

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Car Wash 250  
Product code : O8  
Product group : Blend

#### 1.2. Recommended use and restrictions on use

Recommended uses and restrictions : Mix with water for manual or automatic machine car washing.  
Keep from freezing.  
Recommended use : Washing and cleaning products (including solvent based products)

#### 1.3. Supplier

Nypower Industries Ltd.  
111 Fisher St.  
P.O. Box PO Box 715  
Okotoks, AB - Canada  
T 403 995-2598 - F 403 995-1487  
[gm@nypowerind.com](mailto:gm@nypowerind.com) - [www.nypowerind.com](http://www.nypowerind.com)

#### 1.4. Emergency telephone number

Emergency number : 403 899-4226

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

H318 Causes eye irritation

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labeling

Hazard statements (GHS CA) : H318 - Causes eye irritation  
Precautionary statements (GHS CA) : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

No data available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
sodium hydroxide, caustic soda	sodium hydroxide, caustic soda anhydrous caustic soda / B751 / caustic alkali / caustic flake / caustic flakes / caustic soda / caustic soda, bead / caustic soda, dry / caustic soda, flake / caustic soda, granular / caustic soda, lye / caustic soda, solid / caustic white / caustic, flaked / hydrate of soda / hydrate of sodium / hydroxide of soda / hydroxide of sodium / LEWIS red devil lye / lye (=sodium hydroxide) / soda lye / soda, caustic / soda, hydrate / sodium hydrate / sodium hydrate lye / sodium hydroxide / sodium hydroxide (Na(OH)) / sodium hydroxide, bead / sodium hydroxide, dry / sodium hydroxide, flake / sodium hydroxide, granular / sodium hydroxide, pellets / sodium hydroxide, solid / white caustic	(CAS-No.) 1310-73-2	1 – 5	Met. Corr. 1, H290 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	:	Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after eye contact	:	irritation to eyes.
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#### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	:	Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media	:	Water spray. Dry powder. Foam. Carbon dioxide.
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#### 5.2. Unsuitable extinguishing media

No additional information available

#### 5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire	:	Toxic fumes may be released.
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#### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up	:	Take up liquid spill into absorbent material.
Other information	:	Dispose of materials or solid residues at an authorized site.

#### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	:	Avoid contact eyes. Wear personal protective equipment.
Hygiene measures	:	Wash contaminated clothing before reuse. Always wash hands after handling the product.

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### 7.2. Conditions for safe storage, including any incompatibilities

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### sodium hydroxide, caustic soda (1310-73-2)

##### Canada (Alberta) - Occupational Exposure Limits

OEL Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)

##### Canada (British Columbia) - Occupational Exposure Limits

OEL Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

##### Canada (Saskatchewan) - Occupational Exposure Limits

OEL Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

### 8.2. Appropriate engineering controls

Appropriate engineering controls :  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Gloves. Safety glasses.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: light yellow
Odor	: Fruity Lemon odour
Odor threshold	: No data available
pH	: 7
pH solution	: 7
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: 0 °C

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Freezing point	: 0 °C
Boiling point	: 101 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.00525 kg/l
Solubility	: Water: 100 %
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosion limits	: No data available
Flammability limit - upper	: Not applicable
Flammability limit - lower	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation. pH: 7
Serious eye damage/irritation	: Causes eye irritation. pH: 7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Irritation

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

### sodium hydroxide, caustic soda (1310-73-2)

EC50 Daphnia 1	40.4 mg/l (48 h, Ceriodaphnia sp., Experimental value, Locomotor effect)
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#### 12.2. Persistence and degradability

### sodium hydroxide, caustic soda (1310-73-2)

Persistence and degradability	Biodegradability: not applicable.
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Chemical oxygen demand (COD)	Not applicable (inorganic)
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ThOD	Not applicable (inorganic)
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#### 12.3. Bioaccumulative potential

### sodium hydroxide, caustic soda (1310-73-2)

Bioaccumulative potential	Not bioaccumulative.
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#### 12.4. Mobility in soil

### sodium hydroxide, caustic soda (1310-73-2)

Surface tension	No data available in the literature
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Ecology - soil	No (test)data on mobility of the substance available.
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#### 12.5. Other adverse effects

Ozone : Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. Basic shipping description

In accordance with TDG

### Transportation of Dangerous Goods

### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

### 14.3. Air and sea transport

#### IMDG

#### IATA

Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. National regulations

### 15.2. International regulations

## SECTION 16: Other information

SDS Major/Minor : None

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Full text of H-phrases:

H318	Causes eye irritation
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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*