VIM Bleach Cream

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 01/25/2018 Revision date: 01/25/2018 Supersedes: 11/10/2017

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture

Trade name : VIM Bleach Cream

Product code : 84124529

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Commercial,Industrial

1.3. Supplier

Unilever Canada Inc.
Address 160 Bloor Street East, Suite 1400,
Toronto, Ont.
CANADA M4W 3R2

1.4. Emergency telephone number

Emergency number : PROSAR 1-800-745-9269 or call local Poison Information Centre.

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Skin corrosion/irritation Category 2 H315
Serious eye damage/eye irritation Category 1 H318

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-CA labeling

Hazard pictograms (GHS-CA) :

Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary statements (GHS-CA) : P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container in accordance with local, regional, national and/or international regulation

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

Name	Product identifier	%	Classification (GHS-CA)
Disodium carbonate	(CAS-No.) 497-19-8	4.15	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318

Name	Product identifier	%	Classification (GHS-CA)
Sodium hypochlorite	(CAS-No.) 7681-52-9	1.4	Met. Corr. 1, H290 Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400
Sodium silicate	(CAS-No.) 1344-09-8	0.889	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318
Alcohols, C12-15, ethoxylated	(CAS-No.) 68131-39-5	0.84	Acute Tox. 4 (Oral), H302
Sodium hydroxide	(CAS-No.) 1310-73-2	0.333	Met. Corr. 1, H290 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318

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 inhalation : If affected person is experiencing breathing difficulty, allow affected person to breathe fresh air. Allow affected person to rest.

First-aid measures after skin contact : If adverse skin reaction occurs, remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

First-aid measures general : Never give anything by mouth to an unconscious person. If affected person feels unwell, seek medical advice (show the label where possible).

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Fire hazard : Not flammable.

Explosion hazard : Product is not explosive.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Clean up any spills as soon as possible, using an absorbent material to collect it.

Personal Precautions, Protective Equipment and Emergency Procedures : Neoprene gloves, safety goggles, chemical resistant apron.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. This material and its container must be disposed of in a safe way, and as per local legislation.

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 : Store away from direct sunlight or other heat sources. Keep only in original container. Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing.

Local and general ventilation : Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Acids. Hydrochloric acid. ammonia.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Carbonic acid, calcium salt (1:1) (471-34-1)	
OEL STEL (mg/m³)	20 mg/m³
OEL TWA (mg/m³)	10 mg/m³
OEL TWA (mg/m³)	30 mppcf

Sodium hydroxide (1310-73-2)	
OEL Ceiling (mg/m³)	2 mg/m³

8.2. Appropriate engineering controls

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:
Neopene gloves, safety goggles, chemical resistant apron

Hand protection:
Neoprene gloves

Eye protection:
Safety goggles

Skin and body protection:
Chemical resistnt apron

Respiratory protection:
None needed

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Creamy
Color : White
Odor : Fragranced, chlorine-like
Odor threshold : No data available
pH : 12.5 - 13.5
Relative evaporation rate (butyl acetate=1) : No data available
Relative evaporation rate (ether=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available
Vapor pressure at 50 °C : No data available
Relative density : No data available
Specific gravity / density : 1.5 g/cm³
Solubility : No data available
Log Pow : No data available
Viscosity, kinematic : No data available
Explosion limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : If the product is involved in a fire, it can release toxic chlorine gases.

Chemical stability : Product is stable. Heat (>40C) and light may accelerate the decomposition of sodium hypochlorite in this product.

Possibility of hazardous reactions : Acid environments will cause the evolution of chlorine and carbon dioxide.

Conditions to avoid : Extremely high or low temperatures.

Incompatible materials : Acids. hydrochloric acid. ammonia.

Hazardous decomposition products : Chlorine. Oxygen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Toxic if swallowed.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Carbonic acid, calcium salt (1:1) (471-34-1) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	6450 mg/kg

Water (7732-18-5) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	> 90 ml/kg

Disodium carbonate (497-19-8) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	4090 mg/kg
LC50 inhalation rat (mg/l)	2300 mg/m³ (Exposure time: 2 h)

Sodium hypochlorite (7681-52-9) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	8200 mg/kg
LD50 dermal rabbit	> 10000 mg/kg

Sodium chloride (7647-14-5) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	3 g/kg
LC50 inhalation rat (mg/l)	> 42 g/m³ (Exposure time: 1 h)

Sodium silicate (1344-09-8) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	1960 mg/kg

Alcohols, C12-15, ethoxylated (68131-39-5) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	1600 mg/kg
LD50 dermal rabbit	2500 mg/kg

Sodium hydroxide (1310-73-2) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 dermal rabbit	1350 mg/kg

Poly(dimethylsiloxane) (63148-62-9) (Information taken from scientific literature; not specific to this product or its raw materials)	
LD50 oral rat	> 24 g/kg

Product/ingredient name	Result	Species	Exposure
Sodium carbonate	Mild eye irritant	Rabbit	0.008 hrs
	Mild skin irritant	Rabbit	24 hrs
	Moderate eye irritant	Rabbit	24 hrs
Sodium Hypochlorite	Mild eye irritant	Rabbit	
	Moderate eye irritant	Rabbit	

Skin corrosion/irritation : Causes skin irritation.
pH: 12.5 - 13.5

Serious eye damage/irritation : Causes serious eye damage.
pH: 12.5 - 13.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic acute : Not classified

Aquatic chronic : Not classified

Carbonic acid, calcium salt (1:1) (471-34-1) (Information taken from scientific literature; not specific to this product or its raw materials)	
BCF fish 1	(no bioaccumulation)

Disodium carbonate (497-19-8) (Information taken from scientific literature; not specific to this product or its raw materials)	
LC50 fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
BCF fish 1	(no bioaccumulation)

Sodium hypochlorite (7681-52-9) (Information taken from scientific literature; not specific to this product or its raw materials)	
LC50 fish 1	0.06 - 0.11 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	4.5 - 7.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	0.033 - 0.044 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Sodium chloride (7647-14-5) (Information taken from scientific literature; not specific to this product or its raw materials)	
LC50 fish 1	5560 - 6080 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
LC50 fish 2	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	340.7 - 469.2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
BCF fish 1	(no bioaccumulation)

Sodium silicate (1344-09-8) (Information taken from scientific literature; not specific to this product or its raw materials)	
LC50 fish 1	301 - 478 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
LC50 fish 2	3185 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
BCF fish 1	(no bioaccumulation expected)

Sodium hydroxide (1310-73-2) (Information taken from scientific literature; not specific to this product or its raw materials)	
LC50 fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and degradability

Not established

12.3. Bioaccumulative potential

Carbonic acid, calcium salt (1:1) (471-34-1) (Information taken from scientific literature; not specific to this product or its raw materials)	
BCF fish 1	(no bioaccumulation)

Disodium carbonate (497-19-8) (Information taken from scientific literature; not specific to this product or its raw materials)	
BCF fish 1	(no bioaccumulation)

Sodium chloride (7647-14-5) (Information taken from scientific literature; not specific to this product or its raw materials)	
BCF fish 1	(no bioaccumulation)

Sodium silicate (1344-09-8) (Information taken from scientific literature; not specific to this product or its raw materials)	
BCF fish 1	(no bioaccumulation expected)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

Not regulated for transport

14.2. Transport information/DOT

Department of Transport - Not regulated for transport

14.3. Air and sea transport

IMDG - Not regulated for transport

IATA - Not regulated for transport

SECTION 15: Regulatory information

15.1. National regulations

All ingredients are listed on the Domestic Substances List.

15.2. International regulations

No additional information available.

SECTION 16: Other information

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Full text of H-phrases listed in Sections 2-15:

H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life

SDS Canada (GHS)

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