

Safety Data Sheet
acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926

1 Identification

· **Product identifier**

· Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent Fragrance Free**

· **Article number:** 2048555020

· **Recommended use** Laundry detergent

· **Restrictions on use**

All other uses than those indicated on the product label and technical data sheet.

· **Details of the supplier of the safety data sheet**

· **Manufacturer:**

Avmor LTD
950, Michelin
Laval, QC,
Canada
H7L 5C1
1-800-387-8074
www.avmor.com

· **Client Identification Number** 119100

· **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard(s) identification

· **Classification of the product:**



Eye Irrit. 2A H319 CAUSES SERIOUS EYE IRRITATION.

STOT SE 3 H335 MAY CAUSE RESPIRATORY IRRITATION.

· **Label elements**

· **Hazard pictograms:**



GHS07

· **Signal word:** Warning

· **Hazard-determining components of labeling:**

Sodium Chloride

· **Hazard statements:**

H319 CAUSES SERIOUS EYE IRRITATION.

H335 MAY CAUSE RESPIRATORY IRRITATION.

· **Precautionary statements**

P261

Avoid breathing dust, fume, gas, mist, vapors or spray.

P280

Wear eye or face protection equipment.

(Contd. on page 2)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
 1926*

Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent
 Fragrance Free**

(Contd. of page 1)

P264 Wash thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 IF EYE IRRITATION PERSISTS: Get medical attention.
 P304+P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
 P312 Call a POISON CENTER or a doctor if you feel unwell.
 P405 Store locked up.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 1
 Fire = 0
 Reactivity = 0

- **Hazard not otherwise classified** None
- **Notes:** For the wording of the listed abbreviations refer to section 16.

3 Composition/information on ingredients

- **Dangerous components:**

C A S
 (% w/w)

C o m p o n e n t

7647-14-5	Sodium Chloride	50-100%
497-19-8	Sodium Carbonate	10-<25%
25155-30-0	Sodium Dodecylbenzenesulfonate	1-≤2.5%

4 First-aid measures

- **General information:**
- **After inhalation:**
Rarely cause discomfort; supply fresh air and consult doctor in case of complaints.
- **After skin contact:** May induce a skin irritation.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After ingestion:** If symptoms persist consult a doctor.
- **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing media**
- **Suitable extinguishing media**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

(Contd. on page 3)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent
Fragrance Free**

(Contd. of page 2)

- **Specific hazards arising from the product**
In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (COx) and nitrogen dioxide (NOx).
- **Advice for firefighters**
 - **Special protective equipment and precautions for fire-fighters** No special measures required.
- **Additional information** This product is not flammable.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling** Prevent formation of dust.
- **Conditions for safe storage, including any incompatibilities**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Conditions for safe storage, including any incompatibilities**
Keep in the original receptacle tightly sealed.
Store under lock and key and out of the reach of children.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Appropriate engineering controls** Ensure appropriate aeration and ventilation.
- **Control parameters**
 - **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
 - **Personal protective equipment:**



Tightly sealed goggles

- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes.
Avoid breathing dust, fume, gas, mist, vapors or spray.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.

(Contd. on page 4)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent
Fragrance Free**

(Contd. of page 3)

- **Eye protection:** Tightly sealed goggles
- **Body protection:** No special measures required.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- **Form:** Powder
- **Colour:** White with blue crystals.

- **Odour:** Odourless.
- **Odour threshold:** Not determined.

- **pH-value at 25 °C:** (1%) 10.7-11.3

· **Change in condition**

- **Melting point/Melting range:** Not applicable.
- **Boiling point/Boiling range:** 1461 °C

- **Flash point:** Not determined.

- **Flammability (solid, gaseous):** Not determined.

· **Ignition temperature:**

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

- **Lower:** Not determined.
- **Upper:** Not determined.

- **Vapour pressure:** Not applicable.

- **Density:** Not determined.
- **Relative density** Not determined.
- **Vapour density (air=1)** Not applicable.
- **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with**

- **Water:** Fully miscible

- **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

- **Dynamic:** Not applicable.

· **Solvent content:**

- **Organic solvents:** 0.0 %

10 Stability and reactivity

- **Reactivity** The product is basic.

(Contd. on page 5)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
 1926*

Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent
 Fragrance Free**

(Contd. of page 4)

- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reacts with acids.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**
 In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

- **Information on the likely routes of exposure** Skin and eyes contact
- **Acute toxicity:**
- **Numerical measures of toxicity**

· Components		Type	Value (Species)
Mean of exposure			
ATE (Acute Toxicity Estimates)			
Oral	LD50		3169 mg/kg (rat)
Dermal	LD50		9307 mg/kg
Inhalative	LC50 (4 h)		11473 mg/L (rat)
7647-14-5 Sodium Chloride			
Oral	LD50		3000 mg/kg (rat)

- **Symptomes related to the physical, chemical and toxicological characteristics**
- **by inhalation:** Not applicable
- **If on the skin:** May cause irritation by prolonged contact with skin.
- **If on the eye:** Irritating effect.
- **after ingestion:**
 May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
- **Sensitization:** No sensitizing effects known.
- **Delayed and immediate effects, and chronic effects from short-term and long-term exposure**
 Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.
- **Additional toxicological information:**
 The product shows the following dangers according to internally approved calculation methods for preparations:
 Irritant

· **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)
None of the ingredients is listed.
· NTP (National Toxicology Program)
None of the ingredients is listed.

CA

(Contd. on page 6)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
 1926*

Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent
 Fragrance Free**

(Contd. of page 5)

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

7647-14-5 Sodium Chloride

EC50 (48 h, OECD guideline 202)	469 mg/L (daphnia magna [water flea])
EC50 (96 h)	860 mg/L (fish)

- **Persistence and degradability** No relevant information available.
- **Behavior in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
- **Ecotoxicity** No relevant information available
- **General notes:** Not known to be hazardous to water.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation:**
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.
- **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.
 - **Recommended cleansing agent:** Water.

14 Transport information

· DOT, ADN, IMDG, IATA	Not regulated.
· UN proper shipping name · DOT	Not regulated.
· Transport hazard class(es) · Class	Not regulated.
· Packing group · DOT	Not regulated.
· Environmental hazards: · Marine pollutant:	No
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

(Contd. on page 7)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

Trade name: **CITRANET - CONCENTRATED Laundry Powered Detergent
Fragrance Free**

(Contd. of page 6)

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

67-56-1 | Methanol

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of creation/last revision:** 07/15/2015

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3