

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Vanish B
 Product Use: : Laundry Pre-Spotter
 Supplier Name and Address: : Corporate Facility Supply
 7 Neilson Street
 St. Catharines, ON L2M 5V9

 Telephone: : (905) 682-8888
 Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: Liquid
GHS Classification:
 Skin Irritation: Category 1C
 Eye Irritation: Category 1
 Acute Toxicity: Category 2
GHS Label Elements:
 Hazard Pictograms



Signal Word: Danger
Hazard Statements: H302 Harmful if swallowed
 H312 Harmful in contact with skin
 H318 Causes serious eye damage

Precautionary Statements:
Prevention
 P102 Keep out of reach of children
 P262 Do not get in eyes, on skin, or on clothing
 P284 In case of inadequate ventilation wear respiratory protection

Response
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes
 P332+P313 If skin irritation persists, get medical attention

Potential Health Effects:
 Inhalation : Strongly irritating to the eyes, nose, throat and lungs. High concentration of vapours will cause irritation. Similar effects with misting the product.
 Skin : Dangerous in case of skin contact. Causes moderate skin irritation. Symptoms may be delayed.
 Eyes : Contact can result in tissue damage.
 Ingestion : Harmful if swallowed.
 Aggravated Medical Condition : None known

Symptoms of Overexposure

: See section 11.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Sodium Hypochlorite	7681-52-9	0-5
Sodium Hydroxide	1310-73-2	0-5
2-propenoic acid	9003-01-4	0-5

SECTION 4 - FIRST-AID MEASURES

General Advice	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
Inhalation	: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
Skin Contact	: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
Eye Contact	: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
Ingestion	: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical
Specific hazards arising from the chemical	: None known
Special protective actions for fire-fighters	: None
Additional advice	: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear appropriate protective equipment.
-----------------------------	--

Environmental precautions

: Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.

**Methods and materials for containment/
cleaning up**

: Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.

Additional advice

: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling
Conditions for safe storage

: Use of nitrile gloves and eye protection is optional.
: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.

Other data

: Do not freeze.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters
Engineering Controls

: Not available
: Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location

Personal Protective Equipment

Eye/face protection

: Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn

Hand protection

: Nitrile or rubber gloves are recommended

Skin protection

: Protective coveralls or thick clothing that covers exposed skin

Respiratory protection

: Wear a NIOSH/MSHA approved air-purifying respirator equipped with appropriate cartridges when vapours reach high levels

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice

When using do not eat or drink

When using do not smoke

Wash hands before breaks and at the end of the workday

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

: Opaque liquid

Odor:

: None

Odor Threshold:

: Not available

pH:

: 7.71

Melting point/ freezing point:

: Not available

Initial boiling point and boiling range:

: Not available

Flash point:

: Not available

Evaporation rate:

: Not available

Flammability (solid, gas):

: Not available

Upper/lower flammability or explosive limits:

: Not available

Vapour pressure:

: Not available

Vapour density:

: Not available

Relative density (g/mL):

: 1.06

Water solubility:

: Not available

Solubility in other solvents:

: Not available

Partition coefficient: n-octanol/water:

: Not available

Auto-ignition temperature:

: Not available

Decomposition temperature:

: Not available

Viscosity: : As water

SECTION 10 - STABILITY AND REACTIVITY

Reactivity : Product is stable
Chemical Stability : Stable under normal conditions
Possibility of hazardous reactions : Hazardous decomposition products are not known
Conditions to avoid : Avoid contact with oxidizing chemicals.
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products : Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity : Not available
 Skin Corrosion/ Irritation : Not available
 Serious eye damage/irritation : Not available
 Respiratory or skin sensitization : Not available
 Germ cell mutagenicity : Not available
 Carcinogenicity : Not available
 Reproductive toxicity : Not Available
 STOT-single exposure : Not available
 STOT-repeated exposure : Not available
 Aspiration hazard : Not available

Toxicology Data for Ingredients

Sodium Hypochlorite

Acute toxicity : LD50 oral mouse: 5800 mg/kg
 Skin irritation : Very hazardous in case of skin contact (irritant).
 Hazardous in case of skin contact (corrosive). Contact with skin may also cause vesicular eruptions and eczematoid dermatitis which becomes evident upon re-exposure.
 Eye irritation : Hazardous in case of eye contact (corrosive). Can cause severe irritation and possible burns to skin and eyes. Eye contact may also cause corneal and conjunctival edema, conjunctival hemorrhages. Prolonged or repeated eye contact may cause conjunctivitis.
 Sensitization : Slightly hazardous in case of inhalation (lung sensitizer, lung corrosive)
 Other : Ingestion can cause burns to the digestive tract. Symptoms may include: 1. pain and inflammation of the mouth, pharynx, esophagus, and stomach. 2. erosion of the mucous membranes (chiefly of the stomach), nausea, vomiting, choking, coughing, hemorrhage, 3. circulatory collapse with cold and clammy skin (due to methemoglobinemia), cyanosis, and shallow respirations. 4. confusion, delirium, coma. 5. edema of the pharynx, glottis, larynx with stridor and obstruction. 6. perforation of the esophagus, or stomach with mediastinitis or peritonitis. Inhalation causes slight to severe respiratory tract irritation and delayed pulmonary edema. Prolonged or repeated inhalation may cause allergic respiratory reaction (asthma).

Sodium Hydroxide

Acute toxicity : LD50 intraperitoneal, mouse: 40 mg/kg
 LDLO oral, rabbit: 500 mg/kg
 Skin irritation : rabbit: 500 mg/ 24 hours, severe
 Eye irritation : rabbit: 400 ug mild; 1% eyes, severe
 Sensitization : Not available

2-Propenoic acid

Acute toxicity : LD50 oral, rat: >10000 mg/kg

Skin irritation	LC50 dermal, rat: >2000 mg/kg : Non-irritant. Contact dermatitis may occur due to extreme prolonged exposure.
Eye irritation	: Non-irritant. Dust particles in the eye may cause pain and/or irritation.
Sensitization	: Avoid inhalation of dust. Animal studies indicate the inhalation of respirable polyacrylate dust may cause inflammatory changes in the lungs.

SECTION 12 - ECOLOGICAL INFORMATION

Product Information:

Toxicity:	: Not available
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Not available

**Toxicology Data for Ingredients:
Sodium Hypochlorite**

Toxicity:	: LC50 Not available LC50 Not available
Persistence and degradability:	: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: The product itself and its products of degradation are not toxic.

Sodium Hydroxide

Toxicity:	: LC50 Fathead minnow: 1-10 mg/L, 96 hours LC50 Daphnia: 1-10 mg/L, 48 hours
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Not available

2-propenoic acid

Toxicity:	: LC50 fish: >100 mg/L, 96 hours LC50 Daphnia magna: >100 mg/L, 48 hours
Persistence and degradability:	: Do not discharge product into storm drains or waterways. This product is not readily biodegradable. A fraction of this product shows limited biodegradation based on OECD 301-type and 302-type test data.
Bioaccumulative potential:	: Less than 0.5% of the components displays potential to bioconcentrate, based on their log K _{ow} .
Mobility in soil:	: Not available
Other adverse effects:	: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product	: Sanitary sewer or dry absorbent if available. For large quantities, contact local environmental department or government authorities Do not dispose in drains, waterways, or soil Do not contaminate ponds, or ditches with chemical or the used container
----------------	---

SECTION 14 - TRANSPORT INFORMATION

UN Number	: Not available
UN Proper Shipping Name	: Not available
Transport hazard class(es)	: Not available
Packing group, if applicable	: Not available
Environmental hazards	: Not available
Special precautions for user	: Not Available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not applicable

SECTION 15 - REGULATORY INFORMATION

WHMIS Status	: Not known
WHMIS classification	: Class E

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services
Telephone number: (905) 682-8888

Preparation date: January 2018

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)