

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Vanish G
 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 Hydroxide	1310-73-2	0-5
Ethoxylated Alcohols C9-11	68439-46-3	0-5
2-propenoic acid	9003-01-4	0-5
Nonionic surfactant	9002-92-0	0-5
Diethylene glycol monobutyl ether	112-34-5	0-5
Ethylene glycol monobutyl ether	111-76-2	0-5
D'Limonene	5989-27-5	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	: Use of nitrile gloves and eye protection is optional.
Conditions for safe storage	: 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	: Not available
Engineering Controls	: 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:	: Clear liquid
Odor:	: None
Odor Threshold:	: Not available
pH:	: Not available
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 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

Ethoxylated Alcohols C9-C11

Acute toxicity : LD50 oral, rat: 1400 mg/kg
 LD50 dermal, rabbit: >5000 mg/kg
 Skin irritation : Not available
 Eye irritation : Not available
 Sensitization : Not available

2-Propenoic acid

Acute toxicity : LD50 oral, rat: >10000 mg/kg
 LC50 dermal, rat: >2000 mg/kg
 Skin irritation : 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.

Nonionic surfactant

Acute toxicity : LD50 dermal, rabbit: >2 g/kg
 LC50 oral, rat: 2-3.34 g/kg
 Skin irritation : Causes skin irritation
 Eye irritation : Not available
 Sensitization : Not available

Diethylene glycol monobutyl ether

Acute toxicity:

: LD50 oral, rat: 7292 mg/kg
LD50 oral, mouse 2406 mg/kg
LD50 dermal, mouse: 2764 mg/kg
LC50 Not available

Skin irritation:

: rabbit: slight; guinea pig: slight

Eye irritation:

: rabbit: moderate

Sensitization:

: Not available

Ethylene glycol monobutyl ether

Acute Toxicity:

: LD50 oral, rat: 470 mg/kg
LD50 inhalation, rat: 450 ppm, 4 hours (Remarks:
Behavioural: ataxia. Nutritional and Gross metabolic: weight
loss or decreased weight gain)
LD50 dermal, rabbit: 220 mg/kg
LD50 intraperitoneal, rat: 220 mg/kg
LD50 intravenous, rat: 307 mg/kg

Skin irritation:

: rabbit, open irritation test

Eye irritation:

: rabbit, moderate eye irritation, 24 hours

Sensitization:

: Not available

D'Limonene

Toxicity:

: LC50 oral, rat: 4400 mg/kg
LC50 dermal, rabbit: >5000 mg/kg

Skin irritation:

: Hazardous in case of skin contact; irritant, sensitizer.
Causes skin irritation. It can be absorbed through intact
skin. However, it is generally regarded to have low toxicity
by dermal route.

Eye irritation:

: Causes eye irritation.

Sensitization:

: Aspiration of large doses may produce pulmonary edema
and chemical pneumonitis. May cause dizziness and
suffocation. No nasal or pharyngeal irritation has been
reported.

Other

: Ingestion: It is generally regarded to have low toxicity by
oral route. It may produce burning pain in the mouth and
throat, abdominal pain, nausea, vomiting, and diarrhea.
There may be an odor of terpenes in the vomitus or breath.
It may affect behaviour/ central nervous and peripheral
nervous system. Central nervous system effects may
include excitement, somnolence, delirium, ataxia,
convulsions, and stupor while peripheral system effects
may include spastic paralysis. It may affect respiration
(respiratory depression, choking, coughing, dyspnea,
cyanosis). Other symptoms may include cyanosis, fever,
and tachycardia. Systematic absorption of large doses may
produce pulmonary edema and chemical pneumonitis. The
urine may smell like violets. Chronic Potential Health
Effects: Ingestion: Prolonged or repeated ingestion may
produce nausea, lowered blood sugar and cholesterol, and
kidney damage (hematuria, albuminuria, and tubular
necrosis), and may also affect the liver. Skin: It may be a
weak sensitizer and responsible for some rare allergic
responses (dermatitis).

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 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
Ethoxylated Alcohols C9-C11	
Toxicity:	: LC50 Not available LC50 Not available
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
Nonionic Surfactant	
Toxicity:	: EC50 algae: 1-10 mg/L, 72 hours EC50 Daphnia: 1-10 mg/L 48 hours LC50 fish: 1-10 mg/L, 96 hours
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Toxic to aquatic life. Harmful to aquatic life with long lasting effects
Diethylene glycol monobutyl ether	
Toxicity:	: LC50 goldfish: 2700 mg/L, 96 hours LC50 bluegill sunfish: 1300 mg/L
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: BOD-5: 250 mg/g COD: 2080 mg/g
Ethylene glycol monobutyl ether	
Toxicity:	: LC50 other fish: 220 mg/l, 96 hours EC50 daphnia magna: 1815 mg/L, 24 hours
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Not available
D'Limonene	
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

Bioaccumulative potential:
Mobility in soil:
Other adverse effects:

arise. The product itself and its products of degradation are not toxic.
: Not available
: Not available
: 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
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