

Material Safety Data Sheet

Vetogel

1 . Product and company identification

Common name : **Vetogel**
Material uses : Hand cleaner.
Supplier/Manufacturer : V-TO Inc.
2975, Nelson
Saint-Hyacinthe
QC J2S 1Y5
Tél: (450) 774-6849
Fax:(450) 774-4334
In case of emergency : CANUTEC (613) 996-6666 (Canada)
MSDS authored by: : Kemika XXI Inc. + 1-450-435-7475

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2 . Hazards identification

Physical state : Solid. (Gel.)
Odor : Characteristic.
Color : Turquoise.
Hazard status : This material is classified hazardous under OSHA regulations in the United States and the WHMIS Controlled Product Regulation in Canada.
Emergency overview : WARNING !
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
KIDNEYS, LIVER, MUCOUS MEMBRANES, CENTRAL NERVOUS SYSTEM.
Do not ingest. Use only with adequate ventilation. Wash thoroughly after handling.
Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects
Eyes : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects Classified None. by NIOSH [Polyethylene]. Classified 3 (Not classifiable for humans.) by IARC [Polyethylene]. Classified A3 (Proven for animals.) by ACGIH [2-Butoxyethanol]. Classified 3 (Not classifiable for humans.) by IARC [2-Butoxyethanol].
Mutagenic effects Not available.
Teratogenic effects: Not available.
Medical conditions aggravated by over-exposure : Repeated or prolonged exposure to the substance can produce target organ damage.
See toxicological information (section 11)

3 . Composition/information on ingredients

United States

Name	CAS number	%
Naphtha (petroleum), heavy alkylate	64741-65-7	10 - 30
Polyethylene	9002-88-4	5 - 10

Canada

Name	CAS number	%
Naphtha (petroleum), heavy alkylate	64741-65-7	10 - 30
Methyl salicylate	119-36-8	0.5 - 1

4 . First aid measures

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Get medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.

5 . Fire-fighting measures

- Flammability of the product** : May be combustible at high temperature.
- Products of combustion** : These products are carbon oxides.
- Extinguishing media**
- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : Absorb with an inert material and place in an appropriate waste disposal container.

7 . Handling and storage

- Handling** : Avoid contact with eyes and clothing. Wash thoroughly after handling.
- Storage** : Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use.

8 . Exposure controls/personal protection

United States

Product name

Polyethylene

Exposure limits

OSHA PEL (United States, 2002).

TWA: 5 mg/m³ 8 hour(s). Form: Respirable dustTWA: 15 mg/m³ 8 hour(s). Form: Total dust

- Engineering measures** : Use only with adequate ventilation.
- Personal protection**
- Eyes** : Safety glasses.
- Skin** : Not required under normal conditions of uses.
- Respiratory** : Not required if handled in a ventilated enclosure.

Hands : Not required under normal conditions of uses.



HMIS Code/Personal protective equipment : A

Personal protection in case of a large spill : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9 . Physical and chemical properties

Physical state : Solid. (Gel.)
Flash point : Closed cup: 59°C (138.2°F).(Pensky-Martens.)
Color : Turquoise.
Odor : Characteristic.
pH : [Basic.]
Relative density : 0.9 (Water = 1)
Solubility : Partially soluble in cold water, hot water.

10 . Stability and reactivity

Stability and reactivity : The product is stable.
Incompatibility with various substances : Reactive with oxidizing materials.
Hazardous polymerization : Will not occur.
Conditions of reactivity : Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.

11 . Toxicological information

Acute Effects

Eyes : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Classified None. by NIOSH [Polyethylene]. Classified 3 (Not classifiable for humans.) by IARC [Polyethylene]. Classified A3 (Proven for animals.) by ACGIH [2-Butoxyethanol]. Classified 3 (Not classifiable for humans.) by IARC [2-Butoxyethanol].
 Mutagenic effects: Not available.
 Teratogenic effects: Not available.

12 . Ecological information

Environmental precautions : No known significant effects or critical hazards.
Products of degradation : These products are carbon oxides and water.
Toxicity of the products of biodegradation : The product itself and its products of degradation are not toxic.

13 . Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

14 . Transport information

AERG : Not applicable.

Regulatory information

UN/ IMDG/IATA DOT/TDG : Not regulated.

15 . Regulatory information

United States

HCS Classification : Target organ effects

U.S. Federal regulations : TSCA : All components listed.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: Formaldehyde

Clean Air Act (CAA) 112 accidental release prevention: Formaldehyde

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: Formaldehyde

State regulations

: Connecticut carcinogen reporting list.: Formaldehyde

Rhode Island RTK hazardous substances: Formaldehyde

Pennsylvania RTK: Propylene glycol: (generic environmental hazard); Methyl salicylate: (generic environmental hazard); 2-Butoxyethanol: (environmental hazard, generic environmental hazard); Formaldehyde: (special hazard, environmental hazard, generic environmental hazard)

Florida: Formaldehyde

Minnesota: Formaldehyde

Michigan critical material: Formaldehyde

Massachusetts RTK: 2-Butoxyethanol; Formaldehyde

New Jersey: 2-Butoxyethanol; Formaldehyde

Louisiana RTK reporting list: Formaldehyde

WARNING: This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Formaldehyde	Yes.	No.	Yes.	No.

Canada

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (Very toxic).



DSL : All components listed.

This product has been classified in accordance with the hazard criteria of the Canadian CPR and the United States OSHA. This MSDS contains all the information required by the CPR and OSHA, the American National Standard Institute (ANSI) Z400.1.

International lists : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

16 . Other information

Label requirements (U.S.A.) : CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: KIDNEYS, LIVER, MUCOUS MEMBRANES, CENTRAL NERVOUS SYSTEM.

Hazardous Material Information System (U.S.A.) :

HMIS RATING

Health	*	1
Fire hazard		1
Physical Hazard		0
Personal protection		A

HAZARD RATINGS

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal

See section 8 for more detailed information on personal protection.

National Fire Protection Association (U.S.A.) :



References : ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005.

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.