

Material Safety Data Sheet

Versatile

Section 1. Chemical product and company identification

Common name : Versatile
Material uses : Floor cleaning soap.
Supplier/Manufacturer : V-TO Inc. 2975, Nelson, Saint-Hyacinthe, QC J2S 1Y5
Tél: (450) 774-6849 Fax:(450) 774-4334
In case of emergency : 9 1 1 or Canutec (6 1 3) 996-6666

Section 2. Hazards identification

Physical state : Liquid.
Emergency overview : WARNING!
CAUSES EYE AND SKIN IRRITATION.
Avoid contact with skin and clothing. Wash thoroughly after handling.
Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects
Eyes : Irritating to eyes.
Skin : Irritating to skin.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects: Not available.
Teratogenic effects: Not available.
Medical conditions aggravated by over-exposure : Repeated or prolonged exposure is not known to aggravate any medical condition.
See toxicological information (section 11)

Section 3. Composition, Information on Ingredients

	CAS number	% by weight
Canada Alcohols, C12-15, Ethoxylated Propoxylated	68551-13-3	1 - 3

This material is classified hazardous under the WHMIS Controlled Product Regulation in Canada.
See Chapters 8, 11 and 14 for details.

Section 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.

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Section 5. Fire fighting measures

- Flammability of the product** : Non-flammable.
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.
- 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.

Section 6. Accidental release measures

- Personal precautions** : Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage** : Keep container in a cool, well-ventilated area.

Section 8. Exposure controls, personal protection

- Engineering controls** : During manufacture, follow good industrial hygiene practice.

Personal protection

- Eyes** : Safety glasses.



- Respiratory** : Not required if handle in a ventilated enclosure.

- Hands** : Natural rubber (latex).



- Skin/Body** : Lab coat or appropriate clothing.



- Personal protection in case of a large spill** : Wear appropriate personal protective equipment.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

- Physical state** : Liquid.
- Color** : Red.
- Odor** : Forest.
- pH** : 7 [Neutral.]
- Boiling/condensation point** : The lowest known value is 100°C (212°F) (Water).
- Melting/freezing point** : May start to solidify at 0°C (32°F) based on data for: Water.
- Specific gravity** : 1.003 (Water = 1)
- Vapor pressure** : The highest known value is 2.3 kPa (17.5 mm Hg) (at 20°C) (Water).
- Vapor density** : The highest known value is 0.62 (Air = 1) (Water).
- Ionicity (in water)** : Amphoteric. (Water).

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- Dispersibility properties** : See solubility in water, methanol, acetone.
Solubility : Easily soluble in cold water, hot water, methanol, acetone.

Section 10. Stability and reactivity

- Stability and reactivity** : The product is stable.
Incompatibility with various substances : Reactive with oxidizing materials.
Hazardous polymerization : Will not occur.

Section 11. Toxicological information

- Eyes** : Irritating to eyes.
Skin : Irritating to skin.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects: Not available.
Teratogenic effects: Not available.

Section 12. Ecological information

- Products of degradation** : Not available.

Section 13. Disposal considerations

- Waste disposal** : Dispose of according to all federal, state and local applicable regulations.

Consult your local or regional authorities.

Section 14. Transport information

- Classification** : TDG/ IMDG/ IATA: Not regulated.

Label

Additional information

Section 15. Regulatory information

- Canada**
WHMIS (Canada) : Class D-2B: Material causing other toxic effects (Toxic).



DSL : All components listed.

International regulations

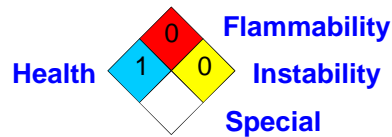
- International lists** : All components listed are listed on major international inventories or exempted from being listed in Australia (AICS), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI/MOL), Philippines (RA6969).

Section 16. Other information

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

Health	1
Fire hazard	0
Reactivity	0
Personal protection	C

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



References

- : ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 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 2002.

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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.