



Prepared in accordance with 1907/2006/EC, Article 31

SECTION 1 - IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	VHB Cleaning Sachet
1.2 Relevant identified uses of the substance or mixture and uses advised against	SU3 Industrial uses
1.3 Details of the supplier of the safety data sheet	Trace2o Ltd, Technology Centre, Wagtech Court, Station Road, Thatcham, Berkshire. RG19 4HZ. Tel: +44 (1635) 866772. Fax: +44 (1635) 873509. Email: technical@trace2o.com
1.4 Emergency telephone number	Contact Trace2o UK at +44 (1635) 866772 between 0830 and 1700 UK time Mon-Fri. Information provided by Trace2o is for guidance on the nature of hazards only and does not constitute medical advice.

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Classification according to Regulation (EC) No 1272/2008	 GHS02;  GHS07 H225; H319; H336
2.2 Label elements	The mixture is classified and labelled according to the CLP regulation.
2.3 Other hazards	N/A

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures (Dangerous components)				
Substance	Amount (%)	CAS No.	EC No.	Hazard statements
Propan-2-ol	60-90	67-63-0	200-661-7	H225, H319, H336

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures	
General information	In case of concerning symptoms, consult a physician. Show this data sheet. Instantly remove any clothing soiled by the product.
Skin contact	Wash skin with soap and water, and rinse thoroughly. Remove contaminated clothing and wash before reuse. Seek medical advice if symptoms persist.
Eye contact	Flush eyes with copious amounts of water for at least fifteen minutes. Remove contact lenses if easy to do so. Continue rinsing. SEEK MEDICAL ADVICE IMMEDIATELY.
Inhalation	Remove person to fresh air. Seek medical advice if symptoms persist.
Ingestion	Rinse out mouth with water. Drink 1-2 glasses of water. Seek medical advice if symptoms persist.
4.2 Most important symptoms and effects, both acute and delayed	See Section 11.1
4.3 Indication of any immediate medical attention and special treatment needed	None available.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing media	Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.
5.2 Special hazards arising from the substance or mixture	Closed containers exposed to heat from fire may build pressure and explode. Combustible. Formation of toxic gases possible during heating or in case of fire –carbon monoxide (CO), carbon dioxide (CO ₂), irritant vapours or gases
5.3 Advice for firefighters	Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.
6.2 Environmental precautions	Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.
6.3 Methods and material for containment and cleaning up	Contain spill. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR-AFFF type foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.
6.4 Reference to other sections	See section 8 of SDS for detailed information on personal protective equipment.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling	Vapours may travel long distances along the ground or floor to an ignition source and flash back. For industrial or professional use only. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes.
7.2 Conditions for safe storage, including any incompatibilities	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidising agents. Store away from amines.
7.3 Specific end use(s)	No data available.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters	Components with critical values that require monitoring at the workplace –cellulose		
8.2 Exposure controls			
Engineering controls	Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.		
Personal protective equipment			
Eye/face protection	Not required	Skin protection	Not required
Respiratory protection	Not required	Thermal protection	Not required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties			
Appearance, odour, and odour threshold (if relevant):	Sachet with alcohol-filled towel, colourless liquid, alcohol odour.	pH:	No data available
Melting/freezing point (°C):	No data available	Initial boiling point & range (°C):	82.4
Flash point (°C):	12	Evaporation rate:	No data available
Flammability (solid, gas):	No data available	Upper/lower flammability or explosive limits:	LEL = 2%, UEL = 12.7%
Vapour pressure:	No data available	Vapour density:	2.07
Relative density:	0.786	Solubility(ies):	Complete
Partition coefficient: n-octanol/water;	No data available	Auto-ignition temperature:	425
Decomposition temperature:	No data available	Viscosity:	No data available
Explosive properties:	Not explosive.	Oxidising properties:	No data available
9.2 Other Information	No data available		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity	This material may be reactive with certain agents under certain conditions - see the remaining headings in this section
10.2 Chemical stability	Stable.
10.3 Possibility of hazardous reactions	Hazardous polymerisation will not occur
10.4 Conditions to avoid	Sparks and/or flames. Heat.
10.5 Incompatible materials	Alkali and alkaline earth metals. Aluminium Amines. Strong oxidising agents
10.6 Hazardous decomposition products	No data available

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects			
Inhalation	Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).	Ingestion	Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation. Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).
Eye contact	Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.	Skin contact	Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.
Carcinogenicity/mutagenicity	Criteria not met.	Sensitisation	No data available.
Chronic effects	Criteria not met.	Other	No data available

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity	No data available	12.2 Persistence and degradability	No data available
---------------	-------------------	------------------------------------	-------------------

12.3 Bioaccumulative potential	86% BOD/ThBOD	12.4 Mobility in soil	No data available
12.5 Results of PBT and vPbB assessment	No data available	12.6 Other adverse effects	No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of contents/ container in accordance with the local/regional/national/international regulations. Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities. The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.
Packagings	Dispose of as unused product.

SECTION 14 - TRANSPORT INFORMATION

14.1 UN number	UN3175	14.2 UN proper shipping name	N/A
14.3 Transport hazard class(es)	N/A	14.4 Packing group	II
14.5 Environmental hazards	N/A	14.6 Special precautions for user	N/A
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/A	Additional information	ADR/IMDG – Not restricted – Special Provision 216 fulfilled IATA – Not restricted as per Special Provision A46, (information required for air way bill)

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	No data available
15.2 Chemical safety assessment	No data available

SECTION 16 - OTHER INFORMATION

Hazard Statement Index	H225 = Highly flammable liquid and vapour H319 = Causes serious eye irritation	H336 = May cause drowsiness or dizziness
Precautionary Statement Index	P210A = Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261A = Avoid breathing vapours.	P305+P351+P338 = IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P370+P378G = In case of fire: use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.
Restrictions		
Revision Date	08-08-18	

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes 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.