

SAFETY DATA SHEET**SOLVENT**

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 16.06.2021

1.1. Product identifier

Product name SOLVENT
Article no. 2010909
Information on the packaging
Type of packaging: Jug
Size of packaging: 20 L
Material of packaging: Plastic: HDPE
Type of packaging: Drum
Size of packaging: 200 L
Material of packaging: Plastic: HDPE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Function Description: Washing solvent

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name Tammermatic Oy
Postal address Tesoman Valtatie 28
Postcode 33300
City TAMPERE
Telephone number 401993550
Email jukka.tervakoski@tammermatic.fi
Website www.tammermatic.com

1.4. Emergency telephone number

Emergency telephone Telephone number: Phone: 09-4711 , 09-471977 (direct)
Description: Kuvaus: Myrkytystietokeskus, Tukholmankatu 17, PL 790, 00029 HUS (Helsinki), (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Acute Tox. 1; H304,EUH 066
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2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Naphtha (petroleum), hydrodesulfurized heavy > 97 %, (2-Methoxymethylethoxy) propanol 0,1 < 1 %
Signal word	Danger
Hazard statements	H304 May be fatal if swallowed and enters airways. EUH 066 Repeated exposure may cause skin dryness or cracking.
Precautionary statements	P262 Do not get in eyes, on skin, or on clothing. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P331 Do NOT induce vomiting.

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
Naphtha (petroleum) , hydrodesulfurized heavy	CAS No.: 64742-82-1	Carc. 1B; H350	> 97 %	
	EC No.: 265-185-4	Muta. 1B; H340		
	Index No.: 649-330-00-2	STOT RE 1; H372		
	REACH Reg. No.: 01-2119486659-16	Asp. Tox. 1; H304 CLP classification, notes: P		
(2-Methoxymethylethoxy) propanol	CAS No.: 34590-94-8 REACH Reg. No.: 01-2119450011-60		0,1 < 1 %	

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Inhalation	If inhalation of vapours is suspected, move person into fresh air and call an ambulance.
Skin contact	Promptly flush contaminated skin with soap or mild detergent and water.

Eye contact	Promptly remove clothing if penetrated and flush the skin with water. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions. Get medical attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, carbon dioxide or dry powder. Extinguish with water fog.
Improper extinguishing media	Water spray.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not known
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5.3. Advice for firefighters

Personal protective equipment	In case of inadequate ventilation wear respiratory protection.
Fire fighting procedures	Use pressurised air mask if product is involved in a fire.
Other information	None.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Wear respiratory protection.
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6.2. Environmental precautions

Environmental precautionary measures	Do not discharge into drains, water courses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Containment	Absorb with sand or other inert absorbent.
Clean up	Collect in containers and seal securely.
Other information	None.

6.4. Reference to other sections

Other instructions	None.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Work practice should minimize contact.

7.2. Conditions for safe storage, including any incompatibilities

Storage Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Naphtha (petroleum) , hydrodesulfurized heavy (2-Methoxymethylethoxy) propanol	CAS No.: 64742-82-1		
	CAS No.: 34590-94-8	Limit value (8 h) : 50 ppm Limit value (8 h) : 308 mg/ m ³ Exposure limit letter Letter code: Sk	

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls Well-ventilated area.

Eye / face protection

Required Properties Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hand protection

Skin- / hand protection, short term contact Gloves of nitrile rubber, PVA or Viton are recommended.

Skin protection

Suitable protective clothing Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection necessary at	No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.
Recommended type of equipment	Use respiratory equipment with gas filter, type AX.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Physical state	Colourless liquid.
Colour	Clear
Odour	Solvent.
Boiling point / boiling range	Value: 170 -225 °C
Flash point	Value: > 60 °C
Lower explosion limit with unit of measurement	Value: 0,6 vol%
Upper explosion limit with units of measurement	Value: 7 vol%
Vapour density	Value: > 3
Relative density	Value: ~ 0,8
Solubility	Comments: Not soluble in water.
Partition coefficient: n-octanol/ water	Value: 2 -7
Viscosity	Reason for waiving data: No data.
Oxidising properties	None.

9.2. Other information

Solidification point	Value: < -15 °C
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SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	No information.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising substances.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No information.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Acute toxicity, human experience	Not known.
Assessment of acute toxicity, classification	No information.
Toxicokinetic information, comments	Not known.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity, fish	Toxicity type: Unreported
Aquatic toxicity, algae	Toxicity type: Unreported
Aquatic toxicity, crustacean	Toxicity type: Unreported
Toxicity to birds	Toxicity type: Unreported
Toxicity to insect	Toxicity type: Unreported
Toxicity to earthworm	Toxicity type: Unreported

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility	No information.
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12.5. Results of PBT and vPvB assessment

12.6. Endocrine disrupting properties

12.7. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Confirm disposal procedures with environmental engineer and local regulations.
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Appropriate methods of disposal for the contaminated packaging	Confirm disposal procedures with environmental engineer and local regulations.
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SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

15.2. Chemical safety assessment

Chemical safety assessment	Not determined.
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	EUH 066 Repeated exposure may cause skin dryness or cracking. H304 May be fatal if swallowed and enters airways. H340 May cause genetic defects H350 May cause cancer H372 Causes damage to organs through prolonged or repeated exposure
Version	2