

SAFETY DATA SHEET

W. E. HILL & SONS. Preparation Cleaning Liquid - Varnish Cleaner

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006 and the UK REACH Regulations SI 2019/758.

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

1.1 Product identifier

Product Name: W. E. HILL & SONS. Preparation Cleaning Liquid - Varnish Cleaner

UFI – F310-W0NN-V005-NN91

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

Consumer uses

1.3 Details of the supplier of the safety data sheet

Barnes and Mullins Ltd,
Unit 14,
Mile Oak Ind Estate,
Oswestry,
Shropshire,
SY10 8GA,
United Kingdom
Tel: +44 01691 668132
Email: Mark.taylor@bandm.co.uk

EU Authorised Representative
Authorised Rep Compliance
71 Baggot Steet Lower,
Dublin,
D02 P593,
Ireland

1.4 Emergency telephone number

UK Emergency Response	NHS (+ 44) 111
ROI Emergency Response	01 809 2166 (general public)
	01 809 2566 (healthcare professionals)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Flam. Liq. 3	H226
Acute Tox. 4 *	H302
Acute Tox. 4 *	H312
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Acute Tox. 4 *	H332
Asp. Tox. 1	H304
Aquatic Chronic 2	H411

2.2 Label elements



Update

Signal word Danger

Hazard statements
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H411 Harmful to aquatic life with long lasting effects.

Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Contains Turpentine Oil

- 2.3 Other hazards**
Not expected to be hazardous.
None of the components are known to be PBT or vPvB, or to have endocrine disrupting properties.

SECTION 3: Composition

- 3.1 Substances**
Not applicable, product is a mixture.

- 3.2 Mixtures**
This product contains the following hazardous components above thresholds of concern:

Name	CAS No	Conc. % w/w	Classification
Turpentine Oil	8006-64-2	10-25 %	Flam. Liq. 3 H226
			Acute Tox. 4 * H302
			Acute Tox. 4 * H312
			Skin Irrit. 2 H315
			Eye Irrit. 2 H319
			Skin Sens. 1 H317
			Acute Tox. 4 * H332
			Asp. Tox. 1 H304
			Aquatic Chronic 2 H411

See section 16 for full description of H statements.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Rinse thoroughly with water for several minutes, whilst gently holding the eyelids open. Obtain medical attention if signs of discomfort.

INHALATION: Remove from exposure and keep warm and at rest. If breathing becomes difficult call a doctor. If breathing stops, begin artificial respiration and seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash off with soap and water. Seek medical attention if irritation or rash occurs. Wash contaminated clothing before re-use.

INGESTION: If swallowed, rinse mouth with water. Do NOT induce vomiting. Seek medical advice if ill effects occur.

4.2 Most important symptoms and effects, both acute and delayed

EYES: Redness, irritation.

INHALATION: No adverse effects anticipated.

INGESTION: Nausea, abdominal discomfort.

SKIN: May cause mechanical irritation.

Death following aspiration.

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO₂).

Use extinguishing media appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Section 10.

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.

Solvent vapours are heavier than air and may spread along floors.

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

5.3 Advice for fire fighters

Prevent run-off from fire from entering water courses and sewers. Fire-fighters should use standard protective equipment and in enclosed spaces, positive pressure self-contained breathing apparatus (SCBA).

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all ignition sources. Keep unnecessary personnel away from spill area. Ventilate the area if possible. For spillages in confined spaces or large incidents protective clothing may be required. See section 8 for more information.

6.2 Environmental precautions

Prevent entry into sewers and watercourses. If product enters sewers or watercourses, inform the appropriate environmental authorities.

6.3 Methods and materials for containment and clearing up

Small spills: Sweep up and place in a suitable container for disposal. Wash the spill area with detergent and water.

Large spills: Sweep up and collect in a suitable container for disposal. Avoid generating dust. Damp down if necessary. Wash the spill site thoroughly with detergent and water.

6.4 References to other sections

See sections 8 and 13 for further advice on protective clothing and disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.
Use local and general ventilation.
Keep away from sources of ignition - No smoking.
Take precautionary measures against static discharge.
Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.
Vapours are heavier than air, spread along floors and form explosive mixtures with air.
Vapours may form explosive mixtures with air.
Avoid release to the environment.
Do not eat, drink and smoke in work areas.
Wash hands after use.
Preventive skin protection (barrier creams/ointments) is recommended.
Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area.
Containers that have been opened should be carefully resealed and stored upright to prevent leakage.
Keep container tightly closed and in a well-ventilated place.
Use local and general ventilation.
Keep cool.
Protect from sunlight.
Keep away from sources of ignition - No smoking.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Take precautionary measures against static discharge.
Ground/bond container and receiving equipment.
Protect from sunlight.
Incompatible materials: see section 10.
Protect against external exposure, such as frost
Keep away from food, drink and animal feeding stuffs.
Ventilation requirements
Provision of sufficient ventilation.
Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end uses(s)

No industrial or sector specific guidance available.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

Turpentine Oil Cas 8006-64-2
Long-term exposure limit (8-hour TWA): WEL 556 mg/m³ (100ppm)
Short-term exposure limit (15-mins): WEL 850 mg/m³ (150ppm)

WEL = Workplace Exposure Limit
EH40

8.2 Exposure controls

Engineering controls

Not normally required. General ventilation.

Respiratory protection

Use in well ventilated areas.

Hand Protection

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Eye protection

Wear suitable eye protection, meeting the requirements of BS EN166 3, when handling this product.

Skin protection

Aprons or coveralls are recommended. These should be changed after use or if contaminated. Wash before re-use.

Environmental Exposure Controls

Take suitable measures to prevent entry into drains, sewers and watercourses.

SECTION 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

a)	Physical state	Liquid
b)	Colour	Colourless
c)	Odour	Characteristic
d)	Melting point/freezing point	Not determined
e)	Boiling point or initial boiling point and boiling range	Not determined
f)	Flammability	Flammable liquid
g)	Lower and upper explosion limit	Not determined
h)	Flash point	Not determined
i)	Auto-ignition temperature	Not determined
j)	Decomposition temperature	Not determined
k)	pH	Not determined
l)	Viscosity	Not determined
m)	Solubility	Not determined
n)	Partition coefficient n-octanol/water (log value)	Not determined
o)	Vapour pressure	Not determined
p)	Density and/or relative density	Not determined
q)	Relative vapour density	Not determined
r)	Particle characteristics	Not determined

9.2 Other information

None

SECTION 10: Stability and Reactivity**10.1 Reactivity**

Risk of ignition.

If heated: risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

Hazardous polymerisation is not expected to occur.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Take precautionary measures against static discharge.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

10.5 Incompatible materials

Strong oxidisers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

SECTION 11: Toxicological Information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	LC50 13.7mg/l/4h rat inhalation
(b) skin corrosion/irritation	Causes skin irritation.
(c) serious eye damage/irritation	Causes serious eye irritation.
(d) respiratory/skin sensitisation	May cause an allergic skin reaction. Classification could not be established because: Data are lacking, inconclusive, or conclusive but not sufficient for classification.
(e) germ cell mutagenicity	Classification could not be established because: Data are lacking, inconclusive, or conclusive but not sufficient for classification.
(f) carcinogenicity	Classification could not be established because: Data are lacking, inconclusive, or conclusive but not sufficient for classification.
(g) reproductive toxicity	Classification could not be established because: Data are lacking, inconclusive, or conclusive but not sufficient for classification.
(h) STOT-single exposure	Classification could not be established because: Data are lacking, inconclusive, or conclusive but not sufficient for classification.
(i) STOT-repeated exposure	Classification could not be established because: Data are lacking, inconclusive, or conclusive but not sufficient for classification.
(j) aspiration hazard	May be fatal if swallowed and enters airways.

11.2 Information on other hazards

No additional information.

SECTION 12: Ecological Information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

12.1 Toxicity

Acute toxicity

Turpentine oil

LL50 29mg/l zebra fish

EL50 6.4mg/l daphnia magna

EL50 16.4mg/l algae

Aquatic toxicity (chronic)
Harmful to aquatic life with long lasting effects.
Test data are not available for the complete mixture.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

None of the components are known to be PBT or vPvB.

12.6 Endocrine disrupting properties

None of the components are known to have endocrine disrupting properties.

12.7 Other adverse effects

None known.

SECTION 13: Disposal Considerations**13.1 Waste treatment methods**

Disposal should be in accordance with local and national regulations. Do not empty to drains.

SECTION 14: Transport Information

	ADR	IMDG	ICAO
14.1 UN Number	1299	1299	1299
14.2 UN Proper shipping name	TURPENTINE	TURPENTINE	TURPENTINE
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	III	III	III
14.5 Environmental hazards	NONE	NONE	NONE
14.6 Special precautions for user	NONE	NONE	NONE
14.7 Maritime transport in bulk according to IMO instruments	Not Applicable	Not Applicable	Not Applicable

SECTION 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe.

2012/18/EU (Seveso III)

P5c flammable liquids (cat. 2, 3) lower tier 5,000 tonnes upper tier 50,000 tonnes

51) flammable liquids, categories 2 or 3 not covered by P5a and P5b

15.2 Chemical Safety Assessment

A REACH Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information

Revision information:

This is a new SDS.

List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) No 1272/2008

EC European Community/Commission

PBT Persistent, Bioaccumulative and Toxic

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

vPvB very Persistent, very Bioaccumulative

H Statements used in Section 3

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H411 Harmful to aquatic life with long lasting effects.

Method used for classification of mixtures:

Ingredient based approaches; expert judgement

Training requirements for workers

No special requirements.