



**SAFETY DATA SHEET**  
STANDARD THINNER

Page: 1

Compilation date: 26/09/2012

Sent to: LLOYD & JONES ENGINEERS LTD

Revision No: 2

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** STANDARD THINNER

**Product code:** S150

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

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

**Company name:** Solvents With Safety Ltd

Units 1 - 4

Plumtree Farm Ind Est

Harworth

Doncaster

DN11 8EW

United Kingdom

**Tel:** 01302 711733

**Fax:** 01302 711744

**Email:** [sales@solventswithsafety.co.uk](mailto:sales@solventswithsafety.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** 07976024391

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CHIP:** -: R19; N: R50/53; -: R67; T: R39/23/24/25; Xi: R41; N: R51/53; T: R23/24/25; Xn: R63; Xn: R20/21/22; -: R66; Xn: R62; Xn: R48/20; Xn: R65; Xn: R68/20; F: R11; Xi: R36/37/38

**Classification under CLP:** Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315; Flam. Liq. 2: H225; Acute Tox. 4: H302; Expl. 1.2: H202; Acute Tox. 4: H312; Asp. Tox. 1: H304; Expl. 1.4: H204

**Most important adverse effects:** May form explosive peroxides. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. Risk of serious damage to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Toxic by inhalation, in contact with skin and if swallowed. Possible risk of harm to the unborn child. Harmful by inhalation, in contact with skin and if swallowed. Repeated exposure may cause skin dryness or cracking. Possible risk of impaired fertility. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful: may cause lung

[cont...]

# SAFETY DATA SHEET

## STANDARD THINNER

Page: 2

damage if swallowed. Harmful: possible risk of irreversible effects through inhalation.

Highly flammable. Irritating to eyes, respiratory system and skin.

### 2.2. Label elements

#### Label elements under CLP:

**Hazard statements:** H302: Harmful if swallowed.  
H202: Explosive, severe projection hazard.  
H315: Causes skin irritation.  
H312: Harmful in contact with skin.  
H332: Harmful if inhaled.  
H318: Causes serious eye damage.  
H304: May be fatal if swallowed and enters airways.  
H411: Toxic to aquatic life with long lasting effects.  
H204: Fire or projection hazard.

**Signal words:** Danger

**Hazard pictograms:** GHS09: Environmental  
GHS08: Health hazard  
GHS07: Exclamation mark  
GHS02: Flame



**Precautionary statements:** P403+233: Store in a well-ventilated place. Keep container tightly closed.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P241: Use explosion-proof electrical/ventilating/lighting equipment.  
P502: Refer to manufacturer/supplier for information on recovery/recycling.  
P202: Do not handle until all safety precautions have been read and understood.  
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P233: Keep container tightly closed.  
P312: Call a POISON CENTER or doctor if you feel unwell.  
P242: Use only non-sparking tools.  
P201: Obtain special instructions before use.  
P331: Do NOT induce vomiting.  
P322: Specific measures (see advice on this label).  
P391: Collect spillage.  
P363: Wash contaminated clothing before reuse.  
P405: Store locked up.  
P330: Rinse mouth.  
P314: Get medical advice/attention if you feel unwell.  
P332+313: If skin irritation occurs: Get medical advice/attention.  
P362: Take off contaminated clothing and wash before reuse.

[cont...]

# SAFETY DATA SHEET

## STANDARD THINNER

Page: 3

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### Label elements under CHIP:

**Hazard symbols:** Dangerous for the environment.  
Harmful.  
Highly flammable.



**Risk phrases:** R19: May form explosive peroxides.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67: Vapours may cause drowsiness and dizziness.  
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R41: Risk of serious damage to eyes.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.  
R63: Possible risk of harm to the unborn child.  
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
R62: Possible risk of impaired fertility.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R65: Harmful: may cause lung damage if swallowed.  
R68/20: Harmful: possible risk of irreversible effects through inhalation.  
R11: Highly flammable.  
R36/37/38: Irritating to eyes, respiratory system and skin.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

### 2.3. Other hazards

**Other hazards:** No data available.

**PBT:** This product is not identified as a PBT substance.

### Section 3: Composition/information on ingredients

[cont...]

# SAFETY DATA SHEET

STANDARD THINNER

Page: 4

## 3.1. Substances

**Chemical identity:** STANDARD THINNER

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

**Eye contact:** Transfer to hospital for specialist examination. Consult a doctor.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

**Skin contact:** There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Vapour may travel considerable distance to source of ignition and flash back. Highly flammable. Forms explosive air-vapour mixture.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

[cont...]

# SAFETY DATA SHEET

## STANDARD THINNER

Page: 5

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles.

**Skin protection:** Solvent resistant protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Various

**Odour:** Unpleasant

**Viscosity:** Viscous

**Boiling point/range°C:** 55-160 760mm Hg

**upper:** 36.5

**Autoflammability°C:** >203

**Relative density:** 0.8-0.9 20

**Flammability limits %: lower:** 1

**Flash point°C:** <21

**Vapour pressure:** 1<110 kPa 20

[cont...]

# SAFETY DATA SHEET

STANDARD THINNER

Page: 6

VOC g/l: 840

## 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

**Chemical stability:** Stable at room temperature.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames. Sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Based on test data
Skin corrosion/irritation	DRM	Based on test data
Serious eye damage/irritation	OPT	Based on test data

### Symptoms / routes of exposure

**Skin contact:** There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

[cont...]

# SAFETY DATA SHEET

STANDARD THINNER

Page: 7

## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** Highly volatile.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT substance.

## 12.6. Other adverse effects

**Other adverse effects:** Very toxic to aquatic organisms. Very toxic to soil organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Solvent reclamation/regeneration.

**Waste code number:** 08.01.11

**Disposal of packaging:** Arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1263

### 14.2. UN proper shipping name

**Shipping name:** PAINT RELATED MATERIAL

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

### 14.6. Special precautions for user

[cont...]

# SAFETY DATA SHEET

STANDARD THINNER

Page: 8

## 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:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** H202: Explosive, severe projection hazard.  
H204: Fire or projection hazard.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H332: Harmful if inhaled.  
H411: Toxic to aquatic life with long lasting effects.  
R11: Highly flammable.  
R19: May form explosive peroxides.  
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.  
R36/37/38: Irritating to eyes, respiratory system and skin.  
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R41: Risk of serious damage to eyes.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62: Possible risk of impaired fertility.  
R63: Possible risk of harm to the unborn child.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.

[cont...]



## SAFETY DATA SHEET

### STANDARD THINNER

Page: 9

R67: Vapours may cause drowsiness and dizziness.

R68/20: Harmful: possible risk of irreversible effects through inhalation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.