

SAFETY DATA SHEET

PREMIUM THINNER

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: PREMIUM THINNER
Product code: S115
Company name: Solvents With Safety Ltd
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2. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** ISO BUTANOL 1-10%
EINECS: 201-148-0 CAS: 78-83-1
[-] R10; [Xi] R37/38; [Xi] R41; [-] R67
- ETHYL ACETATE 1-10%
EINECS: 205-500-4 CAS: 141-78-6
[F] R11; [Xi] R36; [Xi] R66; [-] R67
 - N PROPYL ACETATE 1-10%
[F] R11; [Xi] R36; [Xi] R66; [-] R67
 - TOLUENE 30-50%
EINECS: 203-625-9 CAS: 108-88-3
[F] R11; [Xi] R38; [Xn] R48/20; [Xn] R63; [Xn] R65; [-] R67
 - N BUTYL ACETATE 1-10%
EINECS: 204-658-1 CAS: 123-86-4
[-] R10; [Xi] R66; [-] R67
 - ACETONE 10-30%
EINECS: 200-662-2 CAS: 67-64-1
[F] R11; [Xi] R36; [Xi] R66; [-] R67
 - ACETONE 1-10%
EINECS: 200-662-2 CAS: 67-64-1
[F] R11; [Xi] R36; [Xi] R66; [-] R67
 - ETHANOL 1-10%
EINECS: 200-578-6 CAS: 64-17-5
[F] R11
 - ETHYL METHYL KETONE 1-10%
EINECS: 201-159-0 CAS: 78-93-3
[F] R11; [Xi] R36; [Xi] R66; [-] R67

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin.
Possible risk of harm to the unborn child.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove affected person from source of contamination. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Get medical attention if any discomfort continues.

Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

Ingestion: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately!

Inhalation: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ISO BUTANOL

WEL (8 hr exposure limit): 154 mg/m³ WEL (15 min exposure limit): 231 mg/m³

- ETHYL ACETATE

WEL (8 hr exposure limit): 400 ppm

- TOLUENE

WEL (8 hr exposure limit): 191 mg/m³ WEL (15 min exposure limit): 574 mg/m³

- N BUTYL ACETATE

WEL (8 hr exposure limit): 724 mg/m³ WEL (15 min exposure limit): 966 mg/m³

- ACETONE

WEL (8 hr exposure limit): 1210 mg/m³ (OES) WEL (15 min exposure limit): 3620 mg/m³ (OES)

- ACETONE

WEL (8 hr exposure limit): 1210 mg/m³ (OES) WEL (15 min exposure limit): 3620 mg/m³ (OES)

- ETHANOL

WEL (8 hr exposure limit): 1920 mg/m³

- ETHYL METHYL KETONE

WEL (8 hr exposure limit): 600 mg/m³ WEL (15 min exposure limit): 899 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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

Hand protection: Protective gloves.

Eye protection: Safety glasses. Face-shield. Ensure eye bath is to hand.

Skin protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Flash point°C: 0-21**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions. Stable at room temperature.**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.**Materials to avoid:** Strong oxidising agents. Reducing agents. Strong acids.**Haz. decomp. products:** Fire creates: Carbon monoxide (CO). Carbon Dioxide (CO₂).**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** ETHYL ACETATE

ORL MUS LD50 4100 mg/kg

ORL RAT LD50 5620 mg/kg

SCU RAT LDLO 5 gm/kg

• TOLUENE

IVN RAT LD50 1960 mg/kg

ORL MUS LD50 2 gm/kg

ORL RAT LD50 6900 mg/kg

• N BUTYL ACETATE

IHL MUS LC50 9.6-29.2 mg/litre/4h

ORL RAT LD50 >4700 ms/kg

• ACETONE

IVN RAT LD50 5500 mg/kg

ORL MUS LD50 3 gm/kg

ORL RAT LD50 5800 mg/kg

• ACETONE

IVN RAT LD50 5500 mg/kg

ORL MUS LD50 3 gm/kg

ORL RAT LD50 5800 mg/kg

• ETHANOL

IVN RAT LD50 1440 mg/kg

ORL MUS LD50 3450 mg/kg

ORL RAT LD50 7060 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Readily absorbed into soil.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION**ADR / RID**

UN no:	1263	ADR Class:	3
Packing group:	II	Classification code:	F1
Shipping name:	PAINT RELATED MATERIAL (XYLENE; TOLUENE)		
Labelling:	3	Hazard ID no:	33

**IMDG / IMO**

UN no:	1263	Class:	3
Packing group:	II	EmS:	F-E,S-E*
Marine pollutant:	.	Labelling:	3

IATA / ICAO

UN no:	1263	Class:	3
Packing group:	II	Packing instructions:	305(P&CA); 307(CAO)
Labelling:	3		

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.
Harmful.



Risk phrases: R11: Highly flammable.
R20/21: Harmful by inhalation and in contact with skin.
R36/38: Irritating to eyes and skin.
R63: Possible risk of harm to the unborn child.

Safety phrases: S16: Keep away from sources of ignition - No smoking.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical

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advice.

S51: Use only in well-ventilated areas.

S36/37: Wear suitable protective clothing and gloves.

S60: This material and its container must be disposed of as hazardous waste.

S9: Keep container in a well-ventilated place.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R10: Flammable.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R67: Vapours may cause drowsiness and dizziness.

R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R38: Irritating to skin.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

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. Solvents With Safety Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

