

# WATTYL THINNER L702

## Chemwatch Material Safety Data Sheet

Issue Date: 8-Apr-2008

XC9317EC

CHEMWATCH 5068-20

Version No:6

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

WATTYL THINNER L702

### SYNONYMS

"Product Code: 190940"

### PROPER SHIPPING NAME

PAINT RELATED MATERIAL

### PRODUCT USE

Added to enamels to reduce viscosity prior to application by spray atomisation. Also used to clean equipment; spray guns, paint lines, brushes, etc. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before starting consider control of exposure by mechanical ventilation.

### SUPPLIER

Company: Wattyl Pty Ltd

Address:

4 Steel St

Blacktown

NSW, 2148

AUS

Telephone: +61 2 9621 6255

Emergency Tel: 1800 039 008

Fax: +61 2 9831 4244

## Section 2 - HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE. DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

S6

### RISK

Risk Codes	Risk Phrases
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36/37/38	Irritating to eyes respiratory system and skin.
R51/53	Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
R65	HARMFUL- May cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

### SAFETY

Safety Codes	Safety Phrases
S23	Do not breathe gas/fumes/vapour/spray.
S51	Use only in well ventilated areas.
S09	Keep container in a well ventilated place.
S53	Avoid exposure - obtain special instructions before use.
S401	To clean the floor and all objects contaminated by this material use water and detergent.
S07	Keep container tightly closed.
S35	This material and its container must be disposed of in a safe way.
S13	Keep away from food drink and animal feeding stuffs.
S27	Take off immediately all contaminated clothing.
S26	In case of contact with eyes rinse with plenty of water and contact Doctor or Poisons Information Centre.
S46	If swallowed IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).
S57	Use appropriate container to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S60	This material and its container must be disposed of as hazardous waste.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
white spirit	8052-41-3.	20-40
aromatic solvent 100	Not avail.	10-30
xylene	1330-20-7	30-60

NOTE: Manufacturer has supplied full ingredient information to allow CHEMWATCH assessment contains less than 0.1% benzene

### Section 4 - FIRST AID MEASURES

#### SWALLOWED

Rinse mouth out with plenty of water.

For advice, contact a Poisons Information Centre or a doctor.

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

#### EYE

If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

#### SKIN

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).

#### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.

#### NOTES TO PHYSICIAN

For acute or short term repeated exposures to xylene:

- Gastro-intestinal absorption is significant with ingestions. For ingestions exceeding 1-2 ml (xylene)/kg, intubation and lavage with cuffed endotracheal tube is recommended. The use of charcoal and cathartics is equivocal.
- Pulmonary absorption is rapid with about 60-65% retained at rest.

### Section 5 - FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.

#### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
  - May be violently or explosively reactive.
- When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 500 metres in all directions.

#### FIRE/EXPLOSION HAZARD

- Liquid and vapour are flammable.
- Moderate fire hazard when exposed to heat or flame.

#### FIRE INCOMPATIBILITY

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc.

HAZCHEM: 3[Y]

### Section 6 - ACCIDENTAL RELEASE MEASURES

#### EMERGENCY PROCEDURES

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## Section 6 - ACCIDENTAL RELEASE MEASURES

### MINOR SPILLS

- Remove all ignition sources.
- Clean up all spills immediately.

### MAJOR SPILLS

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## Section 7 - HANDLING AND STORAGE

### PROCEDURE FOR HANDLING

#### SUITABLE CONTAINER

- Metal can or drum
- Packaging as recommended by manufacturer.

#### STORAGE INCOMPATIBILITY

Avoid storage with oxidisers.

#### STORAGE REQUIREMENTS

- Store in approved flammable liquid storage area.
- No smoking, naked lights/ignition sources.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
Australia Exposure Standards	white spirit (White spirits)		790		
Australia Exposure Standards	xylene (Xylene (o-, m-, p- isomers))	80	350	150	655

### PERSONAL PROTECTION

#### RESPIRATOR

Type A Filter of sufficient capacity

#### EYE

- Safety glasses with side shields; or as required,
- Chemical goggles.

#### HANDS/FEET

· Barrier cream with polyethylene gloves or Wear chemical protective gloves, eg. PVC.  
DO NOT use this product to clean the skin.

#### OTHER

- Overalls.
- Eyewash unit.

### ENGINEERING CONTROLS

Use in a well-ventilated area.

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances.  
In confined spaces where there is inadequate ventilation, wear full-face air supplied breathing apparatus.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Colourless, flammable liquid with a strong solvent odour; floats on water.

### PHYSICAL PROPERTIES

Liquid.

Does not mix with water.

Floats on water.

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### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: Not Applicable  
Melting Range (°C): Not Available  
Solubility in water (g/L): Immiscible  
pH (1% solution): Not Applicable  
Volatile Component (%vol): 100  
Relative Vapour Density (air=1): > 1  
Lower Explosive Limit (%): 1.1 (xylene)  
Autoignition Temp (°C): Not Available  
State: Liquid

Boiling Range (°C): 138- 200  
Specific Gravity (water=1): 0.82- 0.86  
pH (as supplied): Not Applicable  
Vapour Pressure (kPa): Not Available  
Evaporation Rate: Not Available  
Flash Point (°C): 27 (xylene)  
Upper Explosive Limit (%): 7.7 (xylene)  
Decomposition Temp (°C): Not Available  
Viscosity: Not Available

### Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

#### CONDITIONS CONTRIBUTING TO INSTABILITY

### Section 11 - TOXICOLOGICAL INFORMATION

#### POTENTIAL HEALTH EFFECTS

##### ACUTE HEALTH EFFECTS

HARMFUL- May cause lung damage if swallowed.

Harmful by inhalation and in contact with skin.

Irritating to eyes, respiratory system and skin.

Can be absorbed through skin.

Vapours may cause dizziness or suffocation.

Vapours may cause drowsiness and dizziness.

##### CHRONIC HEALTH EFFECTS

Not applicable.

#### TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

##### WHITE SPIRIT:

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

##### TOXICITY

Inhalation (human) TClO: 600 mg/m<sup>3</sup>/8h

Oral (rat) LD50: >5000 mg/kg

Inhalation (rat) LC50: >5500 mg/m<sup>3</sup>/4h

Lifetime exposure of rodents to gasoline produces carcinogenicity although the relevance to humans has been questioned. Gasoline induces kidney cancer in male rats as a consequence of accumulation of the alpha2-microglobulin protein in hyaline droplets in the male (but not female) rat kidney.  
white spirit, as CAS RN 8052-41-3

##### AROMATIC SOLVENT 100:

Not available. Refer to individual constituents.

##### XYLENE:

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

##### TOXICITY

Oral (human) LDLo: 50 mg/kg

Oral (rat) LD50: 4300 mg/kg

Inhalation (human) TClO: 200 ppm

Inhalation (man) LCLo: 10000 ppm/6h

Inhalation (rat) LC50: 5000 ppm/4h

Oral (Human) LD: 50 mg/kg

Inhalation (Human) TClO: 200 ppm/4h

Intraperitoneal (Rat) LD50: 2459 mg/kg

Subcutaneous (Rat) LD50: 1700 mg/kg

Oral (Mouse) LD50: 2119 mg/kg

Intraperitoneal (Mouse) LD50: 1548 mg/kg

Intravenous (Rabbit) LD: 129 mg/kg

Inhalation (Guinea) pig: LC 450 ppm/4h

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).

This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

The substance is classified by IARC as Group 3:

NOT classifiable as to its carcinogenicity to humans.

Evidence of carcinogenicity may be inadequate or limited in animal testing.

Reproductive effector in rats

##### IRRITATION

Nil Reported

Eye (human): 470 ppm/15m

Eye (rabbit): 500 mg/24h Moderate

##### IRRITATION

Skin (rabbit):500 mg/24h Moderate

Eye (human): 200 ppm Irritant

Eye (rabbit): 87 mg Mild

Eye (rabbit): 5 mg/24h SEVERE

MATERIAL

CARCINOGEN

REPROTOXIN

SENSITISER

SKIN

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## Section 11 - TOXICOLOGICAL INFORMATION

xylene IARC:3 ILOEI

**CARCINOGEN**  
IARC: International Agency for Research on Cancer (IARC) Carcinogens: xylene Category: The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.

**REPROTOXIN**  
ILOEI: ILO Chemicals in the electronics industry that have toxic effects on reproduction: xylene

## Section 12 - ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
This material and its container must be disposed of as hazardous waste.  
Avoid release to the environment.  
Refer to special instructions/ safety data sheets.

## Section 13 - DISPOSAL CONSIDERATIONS

## Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID  
HAZCHEM: 3[Y]

**UNDG:**

Dangerous Goods Class:	3	Subrisk:	None
UN Number:	1263	Packing Group:	III
Shipping Name: PAINT RELATED MATERIAL			

**Air Transport IATA:**

ICAO/IATA Class:	3	ICAO/IATA Subrisk:	None
UN/ID Number:	1263	Packing Group:	III
Special provisions:	A3 A72		
Shipping name: PAINT RELATED MATERIAL			

**Maritime Transport IMDG:**

IMDG Class:	3	IMDG Subrisk:	None
UN Number:	1263	Packing Group:	III
EMS Number:	F- E, S- E	Special provisions:	163 223 944 955
Limited Quantities:	5 L		
Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)			

## Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE: S6

### REGULATIONS

Wattyl Thinner L702 (CAS: None):  
No regulations applicable

white spirit (CAS: 8052-41-3) is found on the following regulatory lists;

- Australia Exposure Standards
- Australia Hazardous Substances
- Australia Inventory of Chemical Substances (AICS)
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 5
- International Air Transport Association (IATA) Dangerous Goods Regulations
- International Council of Chemical Associations (ICCA) - High Production Volume List
- OECD Representative List of High Production Volume (HPV) Chemicals
- OSPAR List of Chemicals for Priority Action

white spirit (CAS: 8042-47-5) is found on the following regulatory lists;

- Australia High Volume Industrial Chemical List (HVICL)
- Australia Inventory of Chemical Substances (AICS)
- Australia Therapeutic Goods Administration (TGA) Substances that may be used as active ingredients in Listed medicines
- International Air Transport Association (IATA) Dangerous Goods Regulations
- OECD Representative List of High Production Volume (HPV) Chemicals

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Section 15 - REGULATORY INFORMATION

xylene (CAS: 1330-20-7) is found on the following regulatory lists;

Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (Domestic water supply - organic compounds)  
Australia - Australian Capital Territory Environment Protection Regulation Pollutants entering waterways - Domestic water quality  
Australia Exposure Standards  
Australia Hazardous Substances  
Australia High Volume Industrial Chemical List (HVICL)  
Australia Inventory of Chemical Substances (AICS)  
Australia National Pollutant Inventory  
Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)  
Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix F (Part 3)  
Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix I  
Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 5  
Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 6  
IMO IBC Code Chapter 17: Summary of minimum requirements  
IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk  
IMO Provisional Categorization of Liquid Substances  
International Agency for Research on Cancer (IARC) Carcinogens  
International Air Transport Association (IATA) Dangerous Goods Regulations  
International Council of Chemical Associations (ICCA) - High Production Volume List  
OECD Representative List of High Production Volume (HPV) Chemicals  
WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water

No data available for aromatic solvent 100 as CAS: Not avail.

## Section 16 - OTHER INFORMATION

### INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name  
white spirit

CAS  
8052- 41- 3, 8042- 47- 5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net/references](http://www.chemwatch.net/references).

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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Issue Date: 8-Apr-2008  
Print Date: 10-Apr-2008