

WATTYL THINNER L753

Chemwatch Material Safety Data Sheet
Issue Date: 13-Oct-2006
XC9317EC

CHEMWATCH 52199
Version No:1
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Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

WATTYL THINNER L753

SYNONYMS

"Product Code: 190953, 200007", "defoaming thinner enamel solvent defoamer"

PROPER SHIPPING NAME

PAINT RELATED MATERIAL

PRODUCT USE

The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Used as a defoaming thinner in applications where bubble formation and foaming may occur in application. May also be used to clean equipment.

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

S5

RISK

Risk Codes	Risk Phrases
R08	Contact with combustible material may cause fire.
R10	Flammable.
R20	Harmful by inhalation.
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.
R61(2)	May cause harm to the unborn child.
R65	HARMFUL- May cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

SAFETY

Safety Codes	Safety Phrases
S01	Keep locked up.
S36	Wear suitable protective clothing.
S38	In case of insufficient ventilation wear suitable respiratory equipment.
S401	To clean the floor and all objects contaminated by this material use water and detergent.
S35	This material and its container must be disposed of in a safe way.
S13	Keep away from food drink and animal feeding stuffs.
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.

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Section 2 - HAZARDS IDENTIFICATION

S60

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

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
propylene glycol monomethyl ether acetate, alpha- isomer	108-65-6	30-60
aromatic solvent 100 additive	Not avail.	30-60
contains less than 0.1% benzene		1-5

NOTE: Manufacturer has supplied full ingredient information to allow CHEMWATCH assessment

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 petroleum distillates or related hydrocarbons:

- Primary threat to life, from pure petroleum distillate ingestion and/or inhalation, is respiratory failure.
- Patients should be quickly evaluated for signs of respiratory distress (e.g. cyanosis, tachypnoea, intercostal retraction, obtundation) and given oxygen. Patients with inadequate tidal volumes or poor arterial blood gases (pO₂ 50 mm Hg) should be intubated.

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.
- May emit clouds of acrid smoke.

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Section 5 - FIRE FIGHTING MEASURES

FIRE INCOMPATIBILITY

Avoid contamination with strong oxidising agents as ignition may result.

HAZARD:

- Although anti-oxidants may be present, in the original formulation, these may deplete over time as they come into contact with air.
- Rags wet / soaked with unsaturated hydrocarbons / drying oils may auto-oxidise; generate heat and, in-time, smoulder and ignite. This is especially the case where oil-soaked materials are folded, bunched, compressed, or piled together - this allows the heat to accumulate or even accelerate the reaction.

HAZCHEM: 3[Y]

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

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

Avoid generating and breathing mist.

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of overexposure occurs.

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 ³	STEL ppm	STEL mg/m ³
Australia Exposure Standards	propylene glycol monomethyl ether acetate, alpha- isomer (1- Methoxy- 2- propanol acetate)	50	274	100	548

PERSONAL PROTECTION

RESPIRATOR

Type A Filter of sufficient capacity

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE

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

HANDS/FEET

- Barrier cream with polyethylene gloves.
- 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.
Spraying to be carried out in conditions conforming to local state regulations. Unprotected personnel must vacate the spraying area.
General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances.
In confined spaces where there is inadequate ventilation, wear full-face air supplied breathing apparatus.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Clear flammable liquid; floats on water. Strong solvent smell.
Contains a defoaming agent.

PHYSICAL PROPERTIES

Liquid.
Does not mix with water.
Floats on water.

Molecular Weight: Not applicable.
Melting Range (°C): Not available.
Solubility in water (g/L): Insoluble
pH (1% solution): Not available.
Volatile Component (%vol): >90
Relative Vapour Density (air=1): >1
Lower Explosive Limit (%): 1.0
Autoignition Temp (°C): 250
State: Liquid

Boiling Range (°C): 150- 175
Specific Gravity (water=1): 0.87
pH (as supplied): Not applicable
Vapour Pressure (kPa): >1
Evaporation Rate: Slow
Flash Point (°C): 44
Upper Explosive Limit (%): 7.5
Decomposition Temp (°C): Not available
Viscosity: Not available

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

Harmful by inhalation.
HARMFUL- May cause lung damage if swallowed.
Irritating to eyes, respiratory system and skin.
Vapours may cause dizziness or suffocation.
Vapours may cause drowsiness and dizziness.

CHRONIC HEALTH EFFECTS

May cause harm to the unborn child.

TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

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Section 11 - TOXICOLOGICAL INFORMATION

PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE, ALPHA-ISOMER:

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

TOXICITY

Oral (rat) LD50: 8532 mg/kg

Dermal (rabbit) LD50: >5000 mg/kg* *

[CCINFO]

Inhalation (rat) LC50: 4345 ppm/6h

A BASF report (in ECETOC) showed that inhalation exposure to 545 ppm PGMEA (beta isomer) was associated with a teratogenic response in rabbits; but exposure to 145 ppm and 36 ppm had no adverse effects.

The beta isomer of PGMEA comprises only 10% of the commercial material, the remaining 90% is alpha isomer.

but emphasizes the need for care in handling this chemical.

[I.C.I.]

Hazard appears low

AROMATIC SOLVENT 100:

Not available. Refer to individual constituents.

IRRITATION

Nil Reported

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

• Consult manufacturer for recycling options and recycle where possible .

• Consult State Land Waste Management Authority for disposal.

Dispose of cleaning cloths and soiled rags as for oily waste.

Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID

HAZCHEM: 3[Y]

UNDG:

Dangerous Goods

3

Subrisk:

None

Class:

UN Number:

1263

Packing Group:

III

Shipping Name: PAINT RELATED MATERIAL (including paint thinning or reducing compound)

Air Transport IATA:

ICAO/IATA Class:

3

ICAO/IATA Subrisk:

None

UN/ID Number:

1263

Packing Group:

III

Special provisions:

A3 A72

Cargo Only

Packing

310

Maximum Qty/Pack:

220 L

Instructions:

Passenger and Cargo

Packing

309

Passenger and Cargo

Maximum Qty/Pack:

60 L

Instructions:

Passenger and Cargo

Limited Quantity

Packing

Y309

Passenger and Cargo

Limited Quantity

Maximum Qty/Pack:

10 L

Instructions:

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,

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Section 14 - TRANSPORTATION INFORMATION

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: S5

REGULATIONS

Watty Thinner L753 (CAS: None):

No regulations applicable

propylene glycol monomethyl ether acetate, alpha-isomer (CAS: 108-65-6) is found on the following regulatory lists;

Australia Exposure Standards

Australia Hazardous Substances

Australia High Volume Industrial Chemical List (HVICL)

Australia Inventory of Chemical Substances (AICS)

IMO IBC Code Chapter 17: Summary of minimum requirements

International Council of Chemical Associations (ICCA) - High Production Volume List

OECD Representative List of High Production Volume (HPV) Chemicals

No data available for propylene glycol monomethyl ether acetate, alpha-isomer as CAS: 84540-57-8.

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

Section 16 - OTHER INFORMATION

INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name

propylene glycol monomethyl ether acetate,

alpha- isomer

CAS

108- 65- 6, 84540- 57- 8

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.

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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