



**STELCO
CHEMICALS**

Material Safety Data Sheet

Classified as Hazardous according to the criteria of NOHSC

1. SUBSTANCE IDENTIFICATION/ PREPARATION AND COMPANY DETAILS

Product Name: OILY TYPE PAINT REMOVER

Supplier: Stelco Chemicals Pty Ltd

ACN: 660 842 321

Street Address: 46 – 48 Henderson Road
Rowville 3178
Australia

Telephone: +61 3 9763 5733

Facsimile: +61 3 9763 8243

Emergency Telephone Number: 0412 318 882

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: Dry cleaning spotting agent.

Non hazardous component(s)	10-<30%	-
Toluene 108-88-3	30-60%	R11,R20
2-Butoxyethanol 111-76-3	<10%	R20/21/22, R37
Isophorone 78-59-1	10-30%	R36/37/38
White spirit 8052-41-3	10-30%	R65

3. HAZARDS IDENTIFICATION

Classified as Hazardous according to the criteria of NOHSC

Risk Phrases: Highly Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/37/38: Irritating to eyes, respiratory system and skin.

R65: Harmful: May cause lung damage if swallowed.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

Poisons Schedule: S5, Caution.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 03 474 7000).

Inhalation: Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood – cyanosis), ensure airways are clear of any obstruction



**STELCO
CHEMICALS**

Material Safety Data Sheet

Skin Contact: and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Get to a hospital or doctor quickly.
If skin contact occurs, immediately remove contaminated clothing and wash skin thoroughly. A component of this material can be absorbed through the skin with resultant toxic effects. Seek immediate medical assistance.

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Ingestion: **Immediately** rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Notes to physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Specific Hazards: Highly flammable liquid. May form flammable vapour mixtures with air. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke. Vapour may travel a considerable distance to source of ignition and flash back.

Fire fighting advice: On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of decomposition.

Suitable extinguishing media: Foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling advice: Avoid skin and eye contact and breathing in vapour.

Storage advice: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use – check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Toluene: 8hr TWA = 377 mg/m³ (100 ppm), 15 min STEL = 565 mg/m³ (150 ppm)

White Spirits: 8hr TWA = 790 mg/m³

2-Butoxyethanol: 8hr TWA = 121 mg/m³ (25 ppm), Sk

Isophorone: Peak Limitation = 38 mg/m³ (5 ppm)



Material Safety Data Sheet

TWA – The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) = the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health or not cause undue discomfort to, nearly all workers.

Peak Limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

'Sk' Notice – absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Control Measures: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. If inhalation risk exists: use with local exhaust ventilation or while wearing organic vapour/particulate respirator. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES (Short), RESPIRATOR.

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Pale yellow
Odour:	Hydrocarbon solvent
Solubility:	Insoluble in water.
Specific Gravity:	0.91 @ 20°C
Relative Vapour Density (air=1):	>1
Flash Point (°C):	4 (Toluene)
% Volatile by Weight:	95.5
Boiling Point/Range (°C):	127

10. STABILITY AND REACTIVITY

Stability: Incompatible with oxidising agents.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central nervous system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs.

Eye contact: An eye irritant.

Skin contact: Contact with the skin will result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Some component/s of this material can be absorbed through the skin with resultant toxic effects.

Inhalation: Material is an irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness and possible nausea. Breathing in high



Material Safety Data Sheet

concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Long term effects: Available evidence from animal studies indicates that repeated or prolonged exposure to a component of this material could result in effects on the liver, and kidney.(1).

Toxicological Data: No LD50 data available for the product. However, for the constituent Toluene (1): Oral LD50 (rat): 6.36 mg/kg.

12. ECOTOXICOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Road and Rail Transport: Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.
UN No: 1993
Class-primary: 3 Flammable Liquid
Packing Group: II
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS TOLUENE)
Hazchem Code: 3[Y]E

Marine Transport: Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN No.: 1993
Class-primary: 3 Flammable Liquid
Packing Group: II
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS TOLUENE)

Air Transport: Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
UN No.: 1993
Class-primary: 3 Flammable Liquid
Packing Group: II
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS TOLUENE)

15. REGULATORY INFORMATION

Classification: This material is hazardous according to criteria of NOHSC.
Xn: Harmful
Xi: Irritant.
Risk Phrase(s): R11 Highly Flammable
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.



**STELCO
CHEMICALS**

Material Safety Data Sheet

Safety Phrase(s):

R36/38: Irritating to eyes and skin.
R65: Harmful: May cause lung damage if swallowed.
S16: Keep away from sources of ignition – No smoking.
S23: Do not breathe vapour.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29: Do not empty into drains.
S33: Take precautionary measures against static discharges.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

Poisons Schedule: S5 Caution.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

(1) Supplier Material Safety Data Sheet – Oilchem Pty Ltd: 05/2005

This Material Safety Data sheet has been prepared by Stelco Chemicals Pty Ltd

This MSDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. As each workplace is different each user must, prior to use, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification of further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.