

Material Safety Data Sheet

1. Product and Company Identification

Product Name: Pro Exterior Paint Stripper

Trade Name: Pro Exterior Paint Stripper

Revision Date: 15/02/2007

Company Name: Chemisys Ltd

Address: P. O. Box 40480
Glenfield
Auckland
New Zealand
Mobile 021 989229 Fax 09 4768605
Phone 09 4768603

Hazardous according to the criteria of HSNO and ERMA

Industrial and Institutional Cleaning Products (Corrosive, Toxic [6.7]) Group Standard 2006. *HSNO Approval Number* HSR002588.

2. Composition/Information on Ingredients

Ingredients considered hazardous according to the criteria of HSNO and ERMA

Chemical Name	CAS #	Proportion	EU Classification
Methylene Chloride	[75-09-2]	30-60%	Xn; R40
Formic Acid	[64-18-6]	10-<30%	C; R34
Benzyl Alcohol	[100-51-6]	10-<30%	R20, R22

Ingredients determined not to be hazardous to 100%

Notes on EU Symbols: Xn Harmful, C Corrosive

HSNO Classification of Mixture 6.1D, 6.7B, 6.9B, 8.2C, 8.3A, 9.1D

3. Hazards Identification

HSNO Classification of Mixture 6.1D, 6.7B, 6.9B, 8.2C, 8.3A, 9.1D

Harmful: Possible Risks of Irreversible Effects

Harmful: By Inhalation

Harmful: If Swallowed

Corrosive: Causes Burns

4. First Aid Measures

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. IMMEDIATE medical attention is necessary

Ingestion:

Give patient as much water as possible short of vomiting. IMMEDIATE medical attention is necessary. Tell doctor that liver and kidney failure may occur.

Inhalation:

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Get medical attention IMMEDIATELY.

Skin:

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention.

5. Fire-Fighting Measures

Flash Point: N/A

Extinguisher Media: Foam, carbon dioxide, dry chemical.

Unusual Fire and Explosion Hazards: None known

Special Protective Equipment: Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus.

6. Accidental Release Measures

Steps to be taken if material is released or spilled:

Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

Container Disposal:

DO NOT reuse container. Dispose of safely.

7. Handling and Storage

Handling:

Avoid contact with eyes and skin
Do not breathe vapour
Wear gloves and suitable protective clothing

Storage:

Store in a cool, dry place locked out of reach of children in lacquer, plastic or poly-lined containers. A pressure build up may occur. If this happens release the bung slowly until hissing has stopped.

8. Exposure Controls/Personal Protection

Ventilation Requirements:

Ventilate via mechanical methods (general or local exhaust) to maintain exposure below 5mg/m³. Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

Respiratory Protection:

Filtered masks must be worn

Eye Protection:

Safety glasses with a side shield or full-face shield must be worn

Skin Protection:

PVC Gauntlet gloves must be worn, along with a plastic apron

Other precautions:

This product may produce severe skin burns and is harmful by ingestion and inhalation. DO NOT SMOKE when using this product

9. Physical and Chemical Properties

Appearance:	Semi transparent gel
Odour:	Significant solvent odour.
Boiling Point	40 degrees Celsius
Specific Gravity:	1.24 @ 20 degrees Celsius
Solubility in Water:	Partially soluble
Flash Point:	N/A

10. Stability and Reactivity

Stability:	High temperature may contribute to instability
Incompatibility:	Will attack many plastics and bitumen but is otherwise stable. Corrosive to most metals. Strong Oxidizing Agents. Strong Bases.

Hazardous Decomposition Products: Chloride and Phosgene fumes.

Hazardous Polymerisation: Will not occur

9. Toxicological Data

Acute over exposure to this product could be fatal and may see the development of shock, followed by unconsciousness, accompanied by liver and kidney failure as late complications. LD50 Oral Rat: >1610 mg/kg (estimate based on raw material data)

Eyes:

Severe pain and corneal burns will occur, and possible irreversible damage

Ingestion:

Nausea, vomiting and sweating with burns to the mouth, oesophagus and stomach may occur. Unconsciousness may follow. Ingestion is harmful and may be fatal.

Inhalation:

Dizziness and shortness of breath occur from mild poisoning. In severe cases, congestion, shock, unconsciousness and convulsions may occur.

Skin:

Severe burns may result from contact with skin. These are painless and show up as white and later red blotches. Blistering and loss of skin may result. This product is absorbed through the skin.

12. Ecological Information

Hazard:

When using this product outside, use containment procedures to avoid unnecessary contact with the environment

This product is toxic to marine organisms.

13. Disposal Considerations

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

Dispose of product and container responsibly and carefully.

Do not dispose of near waterways, down drains or into soil.

14. Transport Information

Classified as hazardous for transport (ADG, UN, IATA/ICAO)

Dangerous Goods Class: 6.1 Subsidiary Risk 8 Toxic Liquid, Corrosive, Organic, NOS

15. Regulatory Information

Classifications:

UN Number:	2927
HAZCHEM Code:	2XZ
Poison Schedule:	6
Dangerous Goods Class	6.1 Subsidiary Risk 8 Toxic Liquid, Corrosive, Organic, NOS
Packaging Group:	III
EC Labelling:	<u>Harmful</u> : Possible Risks of Irreversible Effects <u>Harmful</u> : By Inhalation <u>Harmful</u> : If Swallowed <u>Corrosive</u> : Causes Burns

S (1, 2);	Keep locked up and out of reach of children
S 24, 25	Avoid contact with eyes and skin
S 23	Do not breathe vapour
S 36, 37	Wear gloves and suitable protective clothing

- S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S 45 In case of accident or if you feel unwell seek medical advice immediately and show this container or label.

NZ Labelling:

The label must provide the following general information about the substance:

- (a) the product name; and
- (b) enough information to enable the New Zealand importer, supplier or manufacturer to be contacted, either in person or by telephone; and
- (c) a 24 hour emergency telephone number
- (d) directions for use, including, where relevant, dilution rates and dose rates.
- (e) on the main label, the general precautionary statement '**Keep out of reach of children**'; and
- (f) the general precautionary statements—
- (i) **Keep locked up and out of reach of children**
 - (ii) **Avoid contact with eyes and skin**
 - (iii) **Do not breathe vapour**
 - (iii) **Wear gloves and suitable protective clothing and eye protection**
 - (iv) **In case of contact with eyes, rinse immediately with plenty of water and seek medical advice**
 - (v) **In case of accident or if you feel unwell seek medical advice immediately and show this container or label.**
- (g) The label must provide the following hazard information about the substance:
- (i) the pictogram for corrosivity; (unless pack under 5KG/litres) and
 - (ii) the pictogram for carcinogenicity; (unless pack under 5KG/litres) and
 - (iii) the signal word '**danger**'; and
 - (iv) the corrosivity hazard statement '**causes severe skin burns and eye damage**'; and
 - (v) the carcinogenic hazard statement '**suspected of causing cancer**'
- (h) Disposal Statement-- '**Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions provided that local regulations for emissions are met. Dispose of product and container responsibly and carefully. Do not dispose of near waterways, down drains or into soil.**'

(i) The following composition information--

Chemical Name	CAS #	Proportion
Methylene Chloride	[75-09-2]	30-60%
Formic Acid	[64-18-6]	10-<30%
Benzyl Alcohol	[100-51-6]	10-<30%
Ingredients determined not to be hazardous		to 100%

(j) the following transport information:

Classified as hazardous for transport (ADG, UN, IATA/ICAO)

Dangerous Goods Class: 6.1 Subsidiary Risk 8 Toxic Liquid, Corrosive, Organic, NOS
UN Number: 2927
HAZCHEM Code: 2XZ

Other Statutory Requirements:

Material Safety Data Sheet Regulations for This Substance

(1) A person, when selling or supplying this substance at any quantity shall provide a safety data sheet for this substance supplied to the recipient if—

- (a) the substance is likely to be used in a place of work; and
- (b) they have not previously supplied a safety data sheet for this substance to the recipient.

(2) In each place of work where this substance is manufactured, stored or used, the person in charge of the place must ensure that every person handling the substance has access to a safety data sheet for that substance.

(3) The safety data sheet must be available to a person handling this substance within 10 minutes, and be readily understandable by any fully trained worker required to have access to it.

(4) A person who manufactures or supplies this substance in New Zealand or imports this substance into New Zealand must, if asked to do so by any person in charge of a place of work where this substance is stored or used, give that person the required safety data sheet.

Advertising

Substances covered by this group standard must not be advertised to members of the public

16. Other Information

Compiled by:
Chemisys Ltd

P. O. Box 40480
Glenfield
Auckland
New Zealand
Mobile 021 989229 Fax 09 4768605 Phone 09 4768603

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Chemisys Group shall not be responsible for any damage or injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.