

# Material Safety Data Sheet

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## 1. Product and Company Identification

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**Product Name:** Supastrip Plus  
**Trade Name:** Supastrip Plus  
**Revision Date:** 15/02/2010  
**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

Classified as hazardous for transport (ADG, UN, IATA/ICAO)  
 Dangerous Goods Class: 6.1 Subsidiary Risk 8 Toxic Liquid, Corrosive, Organic, NOS

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

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## 2. Composition/Information on Ingredients

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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

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## 3. Hazards Identification

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**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

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## 4. First Aid Measures

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**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.

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## 5. Fire-Fighting Measures

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**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.

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## 6. Accidental Release Measures

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**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.

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## 7. Handling and Storage

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**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.

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## 8. Exposure Controls/Personal Protection

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**Ventilation Requirements:**

Ventilate via mechanical methods (general or local exhaust) to maintain exposure below 5mg/m<sup>3</sup>. Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

**Respiratory Protection:**

None normally required if good ventilation is maintained. Avoid breathing vapours. If mist is generated during application process, an approved mist respirator with organic vapour filters must be used if ventilation requirements cannot be maintained. Reference should be made to AS/NZS 1715 and AS/NZS 1716 Use and Maintenance of Respiratory Protective Devices for individual circumstances.

**Eye Protection:**

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

**Skin Protection:**

Skin contact must be avoided and good personal hygiene practises observed. Protective clothing including impervious chemical nitrile gloves should be worn. Care must be taken while removing gloves and other skin protective equipment to avoid skin contact.

**Other precautions:**

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

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## 9. Physical and Chemical Properties

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

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## 10. Stability and Reactivity

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<b>Stability:</b>	High temperature may contribute to instability
<b>Incompatibility:</b>	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

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## 9. Toxicological Data

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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.

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## 12. Ecological Information

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**Hazard:**

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

This product is toxic to marine organisms.

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## 13. Disposal Considerations

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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.

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## 14. Transport Information

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

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

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## 15. Regulatory Information

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**Classifications:**

UN Number:	2927
HAZCHEM Code:	2XE
Poison Schedule:	6
Dangerous Goods Class	6.1 Subsidiary Risk 8 Toxic Liquid, Corrosive, Organic, NOS
Packaging Group:	II
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) the general precautionary statements—

**Read label before use**  
**Keep locked up and out of reach of children**  
**Avoid contact with eyes and skin**  
**Do not breathe vapour**  
**Wear gloves and suitable protective clothing and eye protection**  
**Wash hands and skin thoroughly after handling**  
**Avoid release to the environment**

- (f) the following response statements:

**In case of accident or if you feel unwell seek medical advice immediately and show this container or label.**

**IF SWALLOWED: Rinse Mouth. Do not induce vomiting**

**IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower and soap. Wash contaminated clothing before reuse.**

**IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.**

**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.**

(g) The label must provide the following hazard information about the substance:

the pictogram for corrosivity;



And the pictogram for carcinogenicity;



And the signal word '**danger**'; and  
the corrosivity hazard statement '**causes severe skin burns and eye damage**'; and  
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--

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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**  
**Packaging Group: II**  
**UN Number: 2927**  
**HAZCHEM Code: 2XE**

**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

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## **16. Other Information**

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### **References:**

Supplier MSDS

<http://hsis.ascc.gov.au/>

RTECS

### **Compiled by:**

Chemisys Ltd

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Auckland

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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 of 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.