

# Material Safety Data Sheet

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Infosafe No™ LPUAN Issue Date : February 2011 ISSUED by MOTORONE

Product Name : 5TH DIMENSION PENSTAIN REMOVER SACHET

Not classified as hazardous according to criteria of NOHSC.

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** 5TH DIMENSION PENSTAIN REMOVER SACHET  
**Company Name** MotorOne Group Pty Ltd  
**Address** 275 Canterbury Road Canterbury  
VIC 3126 Australia  
**Telephone/Fax Number** Tel: (03) 8809 2700  
Fax: (03) 9888 6944  
**Recommended Use** Ink remover

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Not classified as hazardous according to criteria of NOHSC.  
NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** Not classified as hazardous according to criteria of NOHSC.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R61(2) May cause harm to the unborn child

**Safety Phrase(s)** S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell seek medical advice immediately

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	n-Methyl 2-pyrrolidone Ingredients determined not to be hazardous	872-50-4	10-30 %  Balance

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

**Skin** Remove contaminated clothing. Wash affected area thoroughly with soap and water. Wash contaminated clothing before re-use or discard. Seek medical attention.

**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

**First Aid Facilities** Eyewash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

**Other Information** For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use carbon dioxide, dry chemical, foam, water mist or water spray.

**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes and gases.

**Specific Hazards** This product may burn if involved in a fire.

**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area, out of direct sunlight and away from strong oxidizing and chlorinating agents. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
N-methyl-2-pyrrolidone	25	103	75	309	Sk

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

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 workday.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur. No biological limits allocated.

### Biological Limit Values

**Engineering Controls** Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection** Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection** Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Product Name : **5TH DIMENSION PENSTAIN REMOVER SACHET**

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<b>Appearance</b>	Clear, colourless liquid impregnated into a white cloth.
<b>Odour</b>	Faint amine odour
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	160°C
<b>Solubility in Water</b>	Soluble
<b>Specific Gravity</b>	1.02 to 1.05
<b>pH Value</b>	10.0
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	This product may burn if involved in a fire.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	Not available
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicity data available for this material. The available acute toxicity data for the ingredients as published by RTECS (Registry of Toxic Effects of Chemical Substances) are as follows: N-methyl-2-pyrrolidone LD50 (oral, rat): 3,914 mg/kg LD50 (dermal, rabbit): 8,000 mg/kg
<b>Inhalation</b>	Irritating to respiratory system. Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	Irritating to skin. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
<b>Eye</b>	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Prolonged or repeated skin contact may cause defatting leading to dermatitis.
<b>Reproductive Toxicity</b>	May cause harm to the unborn child. This product is classified by NOHSC as Toxic to reproduction Category 2 (substances that should be regarded as if they cause developmental toxicity)

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence / Degradability</b>	Not available

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**Mobility** Not available

**Environ. Protection** Prevent this material entering waterways, drains and sewers.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

### 14. TRANSPORT INFORMATION

**Transport Information** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

### 15. REGULATORY INFORMATION

**Regulatory Information** Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule** Not Scheduled

**Hazard Category** Toxic, Irritant

### 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Reviewed: February 2011  
Supersedes: February 2005

**Contact Person/Point** DISCLAIMER: The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.  
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