

Material Safety Data Sheet

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Infosafe No™ LPWUZ Issue Date : May 2012 ISSUED by MOTORONE

Product Name : X-PACK PEN/STAIN REMOVER FOR LEATHER (SACHET)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name X-PACK PEN/STAIN REMOVER FOR LEATHER (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 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) R36/37/38 Irritating to eyes, respiratory system and skin.
R61(2) May cause harm to the unborn child

Safety Phrase(s) S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately
S53 Avoid exposure - obtain special instructions before use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Other ingredients determined not to be hazardous		Balance
	N-Methyl-2-pyrrolidone	872-50-4	10-30 %

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 with water. If symptoms develop seek medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop 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 Eye wash 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 Water spray, foam, dry chemical and carbon dioxide.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and ammonia.

Specific Hazards This product may burn if exposed to fire.

Precautions in connection with Fire Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

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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. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. 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. Keep containers closed when not in use. Store away from oxidising agents and foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure value assigned for this specific material by the Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
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. Biological Exposure Indices (BEI) from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Biological Limit Values

Determinant	Sampling Time	Biological Exposure Indices (BEI)
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N-METHYL-2-PYRROLIDONE [872-50-4]

5-Hydroxy-N-methyl-2-pyrrolidone in urine	End of shift	100 mg/L creatinine
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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 respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection

Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

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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 Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear, colourless liquid impregnated into a white cloth

Odour Faint amine odour

Melting Point Not available

Boiling Point 160°C

Solubility in Water Soluble

Specific Gravity 1.02 to 1.05

pH Value 10.0

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Flash Point Not available

Flammability This product may burn if involved in a fire.

Auto-Ignition Temperature Not available

Flammable Limits - Lower Not applicable

Flammable Limits - Upper Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Heat, direct sunlight, open flames or other sources of ignition.

Incompatible Materials Oxidising and chlorinating agents.

Hazardous Decomposition Products Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and ammonia.

Hazardous Reactions May react with oxidising and chlorinating agents.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicity data is available for this specific product, however toxicity data for constituents are stated below:

N-methyl-2-pyrrolidone
LD50 (oral, rat): 3,914 mg/kg
LD50 (dermal, rabbit): 8,000 mg/kg

Inhalation Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.

Ingestion Although an unlikely route of exposure, ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin Irritating to skin resulting in redness and itching. Pre-existing skin disorders may be aggravated by exposure to this product.

Eye Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

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Chronic Effects Prolonged or repeated skin contact may lead to allergic contact dermatitis.
Reproductive Toxicity 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

Ecotoxicity Not data available
Persistence / Degradability Not available
Mobility Not available
Environ. Protection Do not allow product to enter drains, waterways or 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)
IMDG Marine Pollutant (MP) No

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: May 2012
Supersedes: February 2005

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