

Issue Date January 1999	Safety Data Sheet	Reference 99/001
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Product Name	Pro-Spot Cleaning Fluid - 350 ml aerosol
Morplan Product Code	43155
Description	Spot cleaning agent to break up oil, grease, wax, tar and grime.

CHEMICAL COMPOSITION	Blend of hydrocarbon solvent (30-50%) and aliphatic alcohol (40-60%) utilising carbon dioxide propellant.
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HAZARDS IDENTIFICATION	<p>FLAMMABLE.</p> <p>Normal hazards associated with aerosol cans.</p> <p>Pressurised container.</p> <p>Protect from sunlight and do not expose to temperatures exceeding 50°C.</p> <p>Do not pierce or burn even after use.</p> <p>Do not spray onto a naked flame or incandescent material.</p>
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FIRST AID MEASURES	
Inhalation	Remove victim to fresh air and keep warm and at rest. Seek medical attention.
Skin Contact	Brief contact is unlikely to produce adverse effects. Wash well with water. Remove grossly contaminated clothing and launder before re-use. Seek medical advice if irritation develops.
Ingestion	Do not induce vomiting. Give water to drink if conscious. Seek medical attention.
Eye Contact	Flush immediately with water for at least ten minutes. Seek medical attention if irritation persists.

FIRE FIGHTING MEASURES	
Flammability	Flammable. AEROSOL CANS MAY EXPLODE IF INVOLVED IN FIRE.
Hazardous Combustion Products	May produce toxic fumes including carbon monoxide.
Extinguishing Media	Carbon dioxide, alcohol resistant foam, dry powder or water fog.
Unsuitable Media	DO NOT USE A WATER JET

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ACCIDENTAL RELEASE MEASURES	<p>In case of spillage absorb onto inert material such as sand or earth and put in a safe place to allow solvents to evaporate, or place into a container for disposal by an authorised agent.</p> <p>In case of leaking cans place in a suitable open container until pressure has dissipated.</p>
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HANDLING AND STORAGE	<p>As with all aerosols this is a pressurised container and should be handled with care. Protect from sunlight and do not expose to temperatures exceeding 50° centigrade. Do not pierce or burn even after use. Avoid sources of ignition-do not spray onto naked flames or any incandescent material and do not smoke whilst using this product. Avoid contact with skin and eyes and avoid inhalation of vapours. Use and store with adequate ventilation.</p> <p>Keep away from children.</p>
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EXPOSURE CONTROLS/PERSONAL PROTECTION		
Personal Protection	No personal protective equipment required if used correctly.	
Further Information	Use with adequate ventilation. Avoid sources of ignition.	
Exposure Limits	COMPONENT Hydrocarbon Solvent Alcohol	EXPOSURE LIMIT 400ppm (OES-8 hour) 400ppm (OES-8 hour)

PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Clear, colourless liquid
Odour	Alcoholic/spirituous
Initial Boiling Point	60° centigrade
Flash Point	< 0° centigrade
Auto-Ignition Temperature	> 200° centigrade
Explosive Limits in Air	0.8%v/v (Lower), 12% v/v (Upper)
Density	0.7 g/ml @ 20° centigrade (Lighter than water)
Solubility	Miscible with oils and many organic solvents. Immiscible with water
Can Pressure	60 psi (420 kPa)

STABILITY AND REACTIVITY	<p>Stable under normal conditions.</p> <p>May react with strong acids and oxidising agents.</p>
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TOXICOLOGICAL INFORMATION	
Inhalation	<p>Under normal conditions of use no adverse effects are expected.</p> <p>A high concentration of vapours in air could cause</p>

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	irritation of the upper respiratory tract, headache and drowsiness. As with all aerosols, deliberate abuse is harmful.
Ingestion	Large amounts may cause nausea and gastro-intestinal disturbances. Risk of vomiting and subsequent aspiration into lungs causing chemical pneumonitis.
Skin Contact	Has a degreasing effect on the skin so prolonged contact should be avoided.
Eye Contact	Product sprayed into the eyes may cause irritation.

ECOLOGICAL CONSIDERATIONS	
Mobility	Insoluble in water. Solvents readily evaporate in air.
Degradability	Naturally degradable.
Accumulation	Low potential to bio-accumulate.
Ecotoxicity	Not acutely toxic to aquatic organisms.
Sewage Treatment	Not acutely toxic to sewage treatment organisms.

DISPOSAL CONSIDERATIONS	Consult Local Authority regarding the disposal of aerosols. Do not pierce or burn cans, even when empty.
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TRANSPORT INFORMATION	
Proper Shipping Name	AEROSOLS
United Nations Number	1950
CDGCPL Class	2.1, Flammable Gas. Packaging Group-not allocated.
ADR/RID Class	2, 5°F
IMDG Code	2.1, Flammable Gas. Packaging Group-not allocated Page 2102

REGULATORY INFORMATION	
CHIP Classification	FLAMMABLE (R10)
Labelling	Symbols: None Risk Phrase: R10-Flammable Safety Phrases: S2-Keep out of the reach of children S16-Keep away from sources of ignition-No smoking S23-Do not breath spray or vapour S51-Use only in well ventilated areas
Further Information	The Chemical (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP 2) The Chemical (Hazard Information and Packaging for Supply) (Amendment) Regulations (CHIP 96/97/98/99) The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) and Use of

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	Transportable Pressure Receptacles Regulations 1996 (CDGCPL 2) The Control of Substances Hazardous to Health Regulations 1994 (COSHH)
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OTHER INFORMATION	
Recommended Shelf Life	18 months.
Revised	September 1999

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