



## SAFETY DATA SHEET

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### m.s normal activator

Revision 0  
Revision date 13-Oct-2006

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** m.s normal activator

**Company** Pro-Spray Automotive Finishes Ltd  
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St Neots  
PE19 6SS  
Catherine@pro-spray.co.uk

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**Product code** ICA-660

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Xylene (Xylene, o-,m-,p-or mixed isomers)	1-10%	1330-20-7	215-535-7	R10 Xn; R20/21 Xi; R38
n-Butyl acetate (Butyl acetate)	1-10%	123-86-4	204-658-1	R10 R66 R67
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	1-10%	108-65-6	203-603-9	R10 Xi; R36
1,3,5-Trimethylbenzene	1-10%	108-67-8	203-604-4	R10 Xi; R37 N; R51/53
Cumene	0.5-1%	98-82-8	202-704-5	R10 Xn; R65 Xi; R37 N; R51/53
1,2,4-Trimethylbenzene	1-10%	95-63-6	202-436-9	R10 Xn; R20 Xi; R36/37/38 N; R51/53
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom	10-20%	64742-95-6	265-199-0	Xi; R37-66 N; R51/53 R10-67
hexane, 1,6-diisocyanato-,homopolymer	40-50%	28182-81-2	500-060-2	Xi; R43

#### 3. HAZARDS IDENTIFICATION

**Main hazards** Vapours may cause drowsiness and dizziness. Flammable Harmful by inhalation. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.

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## 4. FIRST AID MEASURES

<b>Skin contact</b>	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Inhalation</b>	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use as appropriate: carbon dioxide (CO2). Do NOT use water jet, dry chemical, foam.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.
<b>Protective equipment</b>	Self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not allow runoff water to enter sewers or drains. Advise local authorities if large spills cannot be contained.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. In use, may form flammable/explosive vapour-air mixture. Vapours are heavier than air. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 220 WEL 15 min limit mg/m3: 441
n-Butyl acetate (Butyl acetate)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: 200	WEL 8-hr limit mg/m3: 724 WEL 15 min limit mg/m3: 966
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 274 WEL 15 min limit mg/m3: 548
Cumene	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: 125 WEL 15 min limit mg/m3: 250

**Engineering measures** Ensure adequate ventilation of the working area.

**Respiratory protection** Self-contained breathing apparatus. Wear protective clothing.

**Hand protection** Chemical resistant gloves (PVC)

**Eye protection** Approved safety goggles.

**Protective equipment** Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Flash point</b>	21°C

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Oxidising agents. Acids. Alkaline solution.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	No data is available on this product. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
<b>Corrosivity</b>	May cause irritation to eyes and respiratory system.
<b>Repeated or prolonged exposure</b>	May cause dermatitis.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
<b>Further information</b>	Do not allow product to enter drains.

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	Containers must be recycled in compliance with national legislation and environmental regulations.

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<b>UN</b> 1263	<b>Packing group</b> III
<b>Class</b> 3	<b>Hazard ID</b> 33
<b>Proper Shipping Name</b> PAINT RELATED MATERIAL .	

**IMDG**

<b>UN</b> 1263	<b>Packing group</b> III
<b>Class</b> 3	<b>Marine pollutant</b> .
<b>EmS Code</b> F-E S-E	

**IATA**

<b>UN</b> 1263	<b>Packing group</b> III
<b>Class</b> 3	<b>Subsidiary risk</b> -
<b>Packing Instruction (Cargo)</b> 310	<b>Maximum quantity</b> 220 L
<b>Packing Instruction (Passenger)</b> 309	<b>Maximum quantity</b> 60 L

**15. REGULATORY INFORMATION****Labelling** The product is classified in accordance with 67/548/EEC.**Symbols** Xn - Harmful

**Risk phrases**

R67 - Vapours may cause drowsiness and dizziness.  
 R10 - Flammable.  
 R20 - Harmful by inhalation.  
 R43 - May cause sensitisation by skin contact.  
 R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R66 - Repeated exposure may cause skin dryness or cracking.

**Safety phrases**

P4 - Contains isocyanates. See information supplied by the manufacturer.  
 S24 - Avoid contact with skin.  
 S37 - Wear suitable gloves.

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## 16. OTHER INFORMATION

### Text of risk phrases in

#### Section 2

R10 - Flammable.  
R20 - Harmful by inhalation.  
R20/21 - Harmful by inhalation and in contact with skin.  
R36 - Irritating to eyes.  
R36/37/38 - Irritating to eyes, respiratory system and skin.  
R37 - Irritating to respiratory system.  
R38 - Irritating to skin.  
R43 - May cause sensitisation by skin contact.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 - Harmful: may cause lung damage if swallowed.  
R66 - Repeated exposure may cause skin dryness or cracking.  
R67 - Vapours may cause drowsiness and dizziness.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.