

# Cat Green 5%

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

**Product Name:** Cat Green 5%  
**Chemical Name:**  
**Supplier:** Jacobson Chemicals Ltd  
 Unit 4  
 Newman Lane Industrial Estate  
 Alton  
 Hants  
 GU34 2QR  
**Telephone:** 01420 86934  
**Fax:** 01420 549574  
**E-mail:** sales@jacobsonchemicals.co.uk

## 2. COMPOSITION

**Substance:** A blend of polydimethylsiloxanes, a mixture of alkoxy silanes and an organotin compound and a green pigment.  
**Substance Name:** -  
**EC Index No:** -  
**EEC Number:** -

<u>Constituents</u>	<u>CAS No</u>	<u>%</u>	<u>Health</u>	<u>Risk No</u>
Tetraethyl orthosilicate	78-10-4	10-20	Xn	R10, R20, R36/37
Tetrapropyl orthosilicate	682-01-9	10-25	Xi	R10, R36/38
Dibutyltin dilaurate	77-58-7	5-15	Xn, N	R36/38, R48/22, R50/53

See Section 11 'Toxicological Information'. Risk phrases in this section only apply to raw materials, not necessarily finished products. See Section 15 'Regulatory Information'.

## 3. HAZARD IDENTIFICATION

Although the crosslinking agents and catalyst are reasonably hazardous materials, at the concentrations at which they are employed they present a reduced hazard to the user. From the time of initial exposure to moisture, small amounts of ethanol, propan-1-ol are evolved slowly. Complete evolution is normally within approximately 2 days. No significant hazard has been observed with this product when used according to the instructions.

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## 4. FIRST AID MEASURES

<b>Immediate medical attention:</b>	Yes.
<b>Professional assistance from physician required?</b>	Yes.
<b>Inhalation:</b>	Remove person to fresh air. Treat symptomatically.
<b>Skin Contact:</b>	Remove soiled clothing immediately and wash the affected area with soap and water. Seek medical advice if irritation persists.
<b>Eye Contact:</b>	Wash the affected eye(s) immediately with clean cold water or eyewash and irrigate for at least 15 minutes. Seek medical attention immediately.
<b>Ingestion:</b>	Give water to drink. Do not induce vomiting. Seek medical attention immediately and show this document or the label.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Carbon dioxide, foam, dry chemical powder or fine water spray.
<b>Special Protective equipment:</b>	Suitable respiratory equipment.
<b>Exposure hazards:</b>	Noxious or toxic vapours may be emitted if the product is involved in a fire.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	This product is supplied only in tightly sealed containers for the purpose of excluding moisture. Should the container be ruptured the product will readily spill out.
<b>Methods of Cleaning:</b>	Spillages should be absorbed immediately onto sand, earth, sawdust, or oil absorbent and swept into containers for safe disposal.
<b>Environmental Precautions:</b>	This product is a potential water pollutant. Do not allow to enter drains or surface waters.

## 7. HANDLING & STORAGE

<b>Handling:</b>	N/a
<b>Storage:</b>	The product should be kept sealed in its original containers in a cool, well ventilated area.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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## 8. EXPOSURE CONTROLS

<b>Take measures to prevent:</b>	Inhalation and contact with skin and eyes.
<b>Exposure to control limits:</b>	-
<b>Respiratory protection:</b>	Ensure adequate ventilation.
<b>Hand Protection:</b>	Gloves must be worn.
<b>Eye Protection:</b>	Protective eyewear must be worn.
<b>Skin Protection:</b>	Gloves must be worn.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Low viscosity liquid
<b>Odour:</b>	Characteristic alcoholic ester
<b>Colour:</b>	Bright green
<b>Flash Point:</b>	>63°C
<b>Flammability:</b>	Not classified as flammable under CHIP regulations.
<b>Relative Density:</b>	Approximately 1.0
<b>Viscosity, mPa.s:</b>	Approximately 100
<b>Dispersibility:</b>	Dispersible in aromatic and chlorinated hydrocarbon solvents. Hydrolysed by water.

## 10. STABILITY & REACTIVITY

<b>Conditions to avoid:</b>	Prolonged exposure to moist air.
<b>Materials to avoid:</b>	Moisture and strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide, silicon dioxide and tin oxides.

## 11. TOXICOLOGICAL INFORMATION

No toxicological studies have been done on this product.

## 12. ECOLOGICAL INFORMATION

<b>Possible effects:</b>	Partly biodegradable.
<b>Behaviour:</b>	Persistent in the environment.
<b>Environmental fate:</b>	This product is a potential water pollutant. Do not allow to enter drains for surface water.

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## 13. DISPOSAL CONSIDERATIONS

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**Likely residues / waste products:**  
**Safe handling of and residues/waste products:**

Disposal is notifiable in the U.K. under the Special Wastes Act 1996. Disposal is normally achieved by burning under controlled conditions. Customers outside the U.K. legislation should consult their own local authorities.

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## 14. TRANSPORT INFORMATION

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**Special carriage precautions in carriage:**

**Classification data:**

**UN Number:**

3082

**Proper Shipping Name:**

Environmentally Hazardous Substance, Liquid, N.O.S.

**IMO - Sea:**

Class 9 Group III

**ICAO - Air:**

Class 9 Group III (914)

**ADR - Road:**

Class 9 Item 11°C

**Transport Category:**

**Limited Quantity Size:**

**Additional Data:**

Severe marine pollutant (Dibutyltin Dilaurate)

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## 15. REGULATORY INFORMATION

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**Supply label information:**

Harmful

**Hazard Symbol:**

Xn, Xi, N

**Risk Phrases:**

R36/38 - Irritating to eyes and skin.

R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.

**Safety Phrases:**

S2 - Keep away from children.

S36/37 - Wear suitable protective clothing and gloves.

S23A - Do not breathe vapour.

S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well ventilated areas.

S7/8 - Keep container tightly closed and dry.

S41 - In case of fire and/or explosion, do not breathe fumes.

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## 16. OTHER INFORMATION

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| a) <b>Training needs:</b>                    | For further information contact our office.  |
| b) <b>Recommended uses and restrictions:</b> |  |
| c) <b>Further references:</b>                |  |
| d) <b>Key data sources:</b>                  | Manufacturer's data.<br>HSE - EH40/2002: Occupational exposure limits<br>HSC - Safety Data Sheets for substances and preparations dangerous for supply.<br>Suppliers Health and Safety Data. |

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

**NOTE:**

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.