



# Safety Data Sheet

according to 1907/2006/EC, Article 31

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

<b>1.1. Product identifier</b>	
Product name	D-GREEN
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.
<b>1.3. Details of the supplier of the safety data sheet</b>	
Company	<b>V-TUF</b> is a brand of Fenco Group Ltd
Address	Fenco Group Ltd Crofton Drive Allenby Industrial Estate Lincoln LN3 4NR United Kingdom
Website	<a href="http://www.v-tuf.com">www.v-tuf.com</a>
Tel	01522 787978
Fax	01522 787838
Email	<a href="mailto:info@v-tuf.com">info@v-tuf.com</a>
<b>1.4. Emergency telephone number</b>	
Emergency telephone number	01522 787978
Company	V-TUF Helpline - Opening Hours: 7am – 5pm - Monday ~ Friday


## SECTION 2: Hazards Identification

<b>2.1. Classification of the substance or mixture</b>
<b>2.1.1. Classification -</b>

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<b>1999/45/EC</b>	
Xi; R36/38 Symbols: Xi: Irritant.	
<b>Main hazards</b>	
	Irritating to eyes and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Corr. 1B: H314; Aquatic Chronic 2: H411;
<b>2.2. Label elements</b>	
Hazard pictograms	
Signal Word	Danger
Hazard Statement	<p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>
Precautionary Statement: Prevention	<p>P102 - Keep out of reach of children.</p> <p>P264 - Wash thoroughly after handling.</p> <p>P273 - Avoid release to the environment.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary Statement: Response	<p>P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ or /if you feel unwell.</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 - If skin irritation occurs: Get medical</p>

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	<p>advice/attention.  P337+P313 - If eye irritation persists: Get medical advice/attention.  P363 - Wash contaminated clothing before reuse.  P391 - Collect spillage.</p>
<b>Precautionary Statement: Storage</b>	P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to REQUIREMENTS OF LOCAL AUTHORITIES

### SECTION 3: Composition/information on ingredients

<b>3.2. Mixtures</b>							
<b>67/548/EEC / 1999/45/EC</b>							
<b>Chemical Name</b>	<b>Index No.</b>	<b>CAS No.</b>	<b>EC No.</b>	<b>REACH Registration Number</b>	<b>Conc. (%w/w)</b>	<b>Classification</b>	<b>M-factor</b>
WATER					80 - 90%		
Benzyl Alkyldimethyl, Chlorides	C12-16	6842 4-85-1	270-325-2	01-2119970550-39	1 - 10%	C; R34 Xn; R21/22 N; R50	
DYE					0 - 0.5%		

<b>EC 1272/2008</b>							
<b>Chemical Name</b>	<b>Index No.</b>	<b>CAS No.</b>	<b>EC No.</b>	<b>REACH Registration Number</b>	<b>Conc. (%w/w)</b>	<b>Classification</b>	<b>M-factor</b>

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WATER					80 - 90%	
Benzyl Alkyldimethyl, Chlorides	C12-16	68424-85-1	270-325-2	01-2119970550-39	1 - 10%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
DYE					0 - 0.5%	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

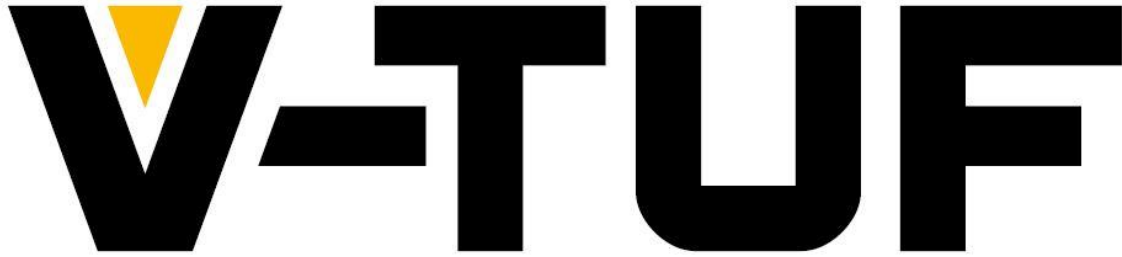
Inhalation	No irritation expected. Do not breathe gas/fumes/vapour/spray.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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	Carbon dioxide (CO <sub>2</sub> ).
<b>5.2. Special hazards arising from the substance or mixture</b>	
	Burning produces irritating, toxic and obnoxious fumes.
<b>5.3. Advice for firefighters</b>	
	Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
	Wear suitable protective equipment.
<b>6.2. Environmental precautions</b>	
	Do not allow product to enter drains. Prevent further spillage if safe.
<b>6.3. Methods and material for containment and cleaning up</b>	
	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## SECTION 7: Handling and storage

<b>7.1. Precautions for safe handling</b>	
	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## SECTION 8: Exposure controls/personal protection

<b>8.2. Exposure controls</b>
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<b>8.2.1. Appropriate engineering controls</b>	Not normally required
<b>8.2.2. Individual protection measures</b>	Wear protective clothing.
<b>Eye / face protection</b>	In case of splashing, wear: . Approved safety goggles.
<b>Skin protection - Handprotection</b>	Chemical resistant gloves (PVC).
<b>Respiratory protection</b>	Not normally required.

## SECTION 9: Physical and chemical properties

<b>9.1. Information on basic physical and chemical properties</b>	
<b>Appearance</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Mild
<b>pH</b>	7
<b>Freezing Point</b>	0
<b>Initial Boiling Point</b>	100
<b>Relative Density</b>	1.01 NORMAL
<b>Water solubility</b>	Soluble in water.

## SECTION 10: Stability and Reactivity

<b>10.2. Chemical stability</b>	
	Stable under normal conditions.

## SECTION 11: Toxicological Information

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<b>11.1. Information on toxicological effects</b>	
<b>Skin corrosion/irritation</b>	May cause irritation to skin.
<b>Repeated or prolonged exposure</b>	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.
<b>11.1.4. Toxicological Information</b>	
<b>Benzyl Alkyldimethyl, Chlorides</b>	<b>C12-16</b> Oral Rat LD50: 200-2000mg/kg

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	
	May cause long-term adverse effects in the aquatic environment. Toxic to algae. Toxic to fish.
<b>12.2. Persistence and degradability</b>	
	More than 90% biodegradable.

## SECTION 13: Disposal considerations

<b>General information</b>	
	Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

<b>14.1. UN number</b>
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	The product is not classified as dangerous for carriage.
<b>14.2. UN proper shipping name</b>	
	The product is not classified as dangerous for carriage.
<b>14.3. Transport hazard class(es)</b>	
Subsidiary risk	The product is not classified as dangerous for carriage.  ADR/RID. Not applicable. IMDG. Not applicable. IATA. Not applicable. NOTE: as the product does not currently fall within the scope of UN classification the aforementioned transport regulations do not apply.
<b>14.4. Packing group</b>	
	The product is not classified as dangerous for carriage.
<b>14.5. Environmental hazards</b>	
	The product is not classified as dangerous for carriage.
<b>14.6. Special precautions for user</b>	
	The product is not classified as dangerous for carriage.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	
	The product is not classified as dangerous for carriage.
<b>Further information</b>	
	The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

<b>15.2. Chemical safety assessment</b>	
	No chemical Safety assessment has been carried out by the supplier.

## SECTION 16: Other information

<b>Other information</b>
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<b>Revision</b>	This document differs from the previous version in the following areas: 1 - REACH. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response.
<b>Text of risk phrases in Section 3</b>	R21/22 - Harmful in contact with skin and if swallowed. R34 - Causes burns. R50 - Very toxic to aquatic organisms.
<b>Further Information</b>	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.