


Section 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY																					
1.1	Product Name: <u>CITRASOLVE 70</u>																				
1.2	Supplier : Transvac Systems Marlowe House Unit B, Rudford industrial Estate Ford, Arundel West Sussex BN18 0BF Tel: +44(0)1903 736900 Fax: +44(0)1903 731569 e-mail: sales@transvac-systems.co.uk																				
1.3	Product Description Emulsifiable solvent cleaner, degreaser, tar remover and drain cleaner.																				
1.4	Product Code CS70																				
Section 2: HAZARD IDENTIFICATION																					
2.1	Product is Classified as: Harmful, Flammable and Dangerous for the Environment																				
2.2	Risk Phrases R10: Flammable. R36/38 Irritating to eyes and skin R53 May cause long-term effects in the aquatic environment. R65 Harmful : May cause lung damage if swallowed R66 Repeated exposure may cause skin dryness or cracking.																				
Section 3: COMPOSITION/INFORMATION ON INGREDIENTS.																					
3.1	A blend of citrus terpenes, aliphatic hydrocarbon solvents and emulsifying agents.																				
3.2	<table border="1"> <thead> <tr> <th>Hazardous Ingredients</th> <th>CAS No</th> <th>EINECS No</th> <th>%w.w</th> <th>Nature of Hazard</th> </tr> </thead> <tbody> <tr> <td>Citrus terpene</td> <td>8028-48-6</td> <td>232-433-8</td> <td>60-100</td> <td>Flammable, R10 Harmful, R38,65 Dangerous for the Environment, R52/53</td> </tr> <tr> <td>Non-ionic surfactants</td> <td>68439-45-2</td> <td>----</td> <td>5-15</td> <td>Harmful, R22,41</td> </tr> <tr> <td>Harmful, R22,41</td> <td>64742-47-8</td> <td>64742-47-8</td> <td>15-30</td> <td>Harmful, R65,66</td> </tr> </tbody> </table>	Hazardous Ingredients	CAS No	EINECS No	%w.w	Nature of Hazard	Citrus terpene	8028-48-6	232-433-8	60-100	Flammable, R10 Harmful, R38,65 Dangerous for the Environment, R52/53	Non-ionic surfactants	68439-45-2	----	5-15	Harmful, R22,41	Harmful, R22,41	64742-47-8	64742-47-8	15-30	Harmful, R65,66
Hazardous Ingredients	CAS No	EINECS No	%w.w	Nature of Hazard																	
Citrus terpene	8028-48-6	232-433-8	60-100	Flammable, R10 Harmful, R38,65 Dangerous for the Environment, R52/53																	
Non-ionic surfactants	68439-45-2	----	5-15	Harmful, R22,41																	
Harmful, R22,41	64742-47-8	64742-47-8	15-30	Harmful, R65,66																	
Section 4: FIRST AID MEASURES																					
4.1	Eyes: Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice if symptoms persist.																				
4.2	Skin: Wash with soap and water. Remove any contaminated clothing																				
4.3	Ingestion: Drink milk or water. Seek medical advice immediately. Do not induce vomiting																				
4.4	Inhalation: Move to fresh air, keep warm and rest.																				
Section 5: FIRE FIGHTING MEASURES																					
5.1	Fire-Fighting: The product is classified as flammable and will support combustion. Use water to cool drums involved in a fire and use foam, dry powder or carbon dioxide to extinguish if the liquid does catch fire.																				

Section 6: ACCIDENTAL RELEASE MEASURES		
6.1	Release Measures:	Turn off sources of ignition. 'No Smoking'. Wear protective clothing. Contain spillage with sand, earth or granules. Place in secure metal containers and seek advice of local authority before disposal.
Section 7: HANDLING AND STORAGE		
7.1	Handling & Storage:	Store between 0 and 30° C in the containers provided and replace closure after use. Do not mix with other chemicals. Store in the containers provided and replace closure after use. Store away from sources of heat or ignition.
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1	Personal Protection:	For normal usage, wear solvent resistant gloves and safety glasses. If splashing is a possibility, wear a solvent resistant apron.
8.2	Workplace Exposure Limits (WELs):	A Long-term Exposure Limit (LTEL) of 150 ppm is calculated for the mixture.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1	Appearance	Colourless liquid
9.2	Odour	Orange / Citrus
9.3	pH	Not applicable - solvent based.
9.4	Density @20°C	0.84
9.5	Flash Point	52 °C
9.6	Solubility in Water	Emulsifiable.
Section 10: STABILITY AND REACTIVITY		
10.1	Stability and Reactivity:	Stable under normal conditions of use and storage. Do not mix with any other chemicals. If involved in a fire, the product will burn to produce an acrid smoke and generates carbon monoxide and dioxide.
Section 11: TOXICOLOGICAL INFORMATION		
11.1	Contact with eyes:	Causes irritation and redness
11.2	Contact with skin:	De-fatting action leads to soreness, dryness and cracking.
11.3	Ingested:	May cause serious discomfort and serious illness.
11.4	Inhaled:	Causes headaches and drowsiness if a large amount is inhaled.
11.5	Test Data:	Test data: Oral LD50 rat (mg/kg) > 7000
Section 12: ECOLOGICAL INFORMATION		
12.1	Ecological Information:	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer. All solvents are fully biodegradable according to OECD standards (301E and 302E). The product should not present any problems to the local water treatment works. Do not allow product to enter the surface drainage system since it may be toxic to certain aquatic organisms.

Section 13: DISPOSAL CONSIDERATIONS	
13.1	Disposal: Do not allow to contaminate surface waters. Seek advice of local authority prior to disposal.
Section 14: TRANSPORT INFORMATION:	
14.1	Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.
14.2	UN No: 3082
14.3	Hazard Class: Class 9
14.4	Packing Group: III
Section 15: REGULATORY INFORMATION:	
15.1	COSHH The preparation requires a formal COSHH assessment which should ensure that employees are aware of hazards/precautions detailed in this data sheet. The COSHH assessment should also ensure that recommended safety equipment is available and, where applicable, the exposure limits detailed in Section 8 are not being exceeded.
15.2	Label for Supply: 
15.3	Risk Phrases: R10: Flammable R36/38: Irritating to eyes and skin R53: 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.
15.4	Safety Phrases: S24/25: Avoid contact with eyes and skin. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28: After contact with skin, wash immediately with plenty of water. S37/39: Wear suitable gloves and eye/face protection. S43: In case of fire, use foam/dry powder/carbon dioxide. Do not use water. S61: Avoid release to the environment. S62: If swallowed do not induce vomiting : seek medical advice immediately and show this Data Sheet or label.
15.5	UK Regulatory Ref: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 aligned with ADR. Workplace Exposure Limits EH40.2005 and subsequent amendments. REACH: Regulation 1907/2006/EC effective June 1 st , 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH. Ingredients according to EC648/2004: 5-15 %: non-ionic surfactants.



SAFETY DATA SHEET
CITRASOLVE 70 SOLVENT DEGREASER

Page: 4(4)
Date: 22 July 2013
Rev: 1

Section 16: OTHER INFORMATION	
16.1	<p>Other Information:</p> <p>It is the responsibility of the user to ensure safe working conditions. The health hazards and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.</p> <p>This product is a very powerful solvent degreaser designed to tackle the heaviest cleaning jobs such as the removal of tar, bitumen, asphalt, old oil/grease deposits and burnt-on residues from tools, plant, equipment and vehicles. Apply neat as supplied by a pump-up, low pressure sprayer. Agitate heavy or old deposits. Leave to work for as long as possible then wash off with water. The best results are obtained if the water is hot and at high pressure. The product can also be used in dip-tanks to soak smaller, heavily contaminated components</p>