



Zest-it® Solvent

Safety Data Sheet



For Occupational use not general public/consumer use.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING					
Product Name	Zest-it® Solvent				
Product Numbers	ZS; 25L, 5000, 2500, 1000, 500, 250, 125, 50				
Application	Solvent for oil paint and mediums.				
Supplier	J and T Blackman Ltd. The Store Room, Foxholes Road, Leicester LE3 1TH Tel: 0844 8005937. Mob. 07885103576 email: msdssupport@zest-it.biz				
Container size	50 ml to 25 litre				
2 HAZARDS IDENTIFICATION					
<p>Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. CLASSIFICATION: (1999/45) Xn; R65; R66 ENVIRONMENT: The product is not expected to be hazardous to the environment. HUMAN HEALTH: The hazardous properties of the product are considered limited. May cause minor irritation on skin contact.</p>					
3 COMPOSITION/INFORMATION ON INGREDIENTS					
Name	EC No.	Cas-No.	Content	Classification (67/548)	
Aliphatic Hydrocarbon	265-149-8	64742-47-8	60 - 100%	Xn;	R65. R66.
Glycol Ether	225-878-4	005131-66-8	1 - 5%	Xi;	R36/38.
Comments	The product contains organic solvents.				
The Full Text for all R-Phrases are displayed in Section 16					
4 FIRST AID MEASURES					
GENERAL INFORMATION	Get medical attention if any discomfort continues. NEVER give anything by mouth to an unconscious person.				
NOTES TO THE PHYSICIAN	No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt GET MEDICAL ATTENTION PROMPTLY.				
INHALATION	In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.				
INGESTION	Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. DO NOT induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.				
SKIN CONTACT	Remove affected person from source of contamination. Promptly remove any soaked or contaminated clothing and shoes. Promptly wash contaminated skin with soap or mild detergent and water. Do not allow saturated clothing to remain in contact with skin for prolonged periods.				
EYE CONTACT	Immediately flush eyes with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.				
5 FIRE FIGHTING MEASURES					
EXTINGUISHING MEDIA	Extinguish with foam, carbon dioxide (CO ²), dry powder, soil or sand. DO NOT use water jet as this will spread the fire.				
SPECIAL FIRE FIGHTING PROCEDURES	Keep run-off water out of sewers and water courses. Dike for water control. Keep upwind to avoid fumes.				
UNUSUAL FIRE & EXPLOSION HAZARDS	May produce dense black smoke. Vapours are heavier than air and may travel along the ground to nearby sources of ignition.				
SPECIFIC HAZARDS	Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember. Avoid breathing the smoke.				
PROTECTIVE MEASURES IN FIRE	Use protective equipment appropriate for surrounding materials.				

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6 ACCIDENTAL RELEASE MEASURES	
GENERAL INFORMATION	Spillage can be a slippage hazard. Extinguish all sources of ignition. Avoid contact with eyes and skin. Do not allow to enter sewers or water courses.
PERSONAL PRECAUTIONS	Use protective gloves, goggles and suitable protective clothing. Take precautionary measures against static discharge. Avoid inhalation of vapours and contact with skin and eyes.
ENVIRONMENTAL PRECAUTIONS	Spillages and uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Do not allow to enter drains, sewers or watercourses.
SPILL CLEAN UP METHODS	Wear necessary protective equipment. Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely. Clean contaminated area with oil-removing material. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE	
GENERAL INFORMATION	Avoid prolonged skin contact. Wash after using.
USAGE PRECAUTIONS	Do not handle or use near open flames or sources of ignition. Static electricity and formation of sparks must be prevented. Avoid eating, drinking and smoking when using the product. Risk of vapour concentration on the floor and in low-lying areas.
STORAGE PRECAUTIONS	Store in closed container in a cool well ventilated place. Keep away from sources of ignition, heat, spark or open flame.
STORAGE CLASS	Chemical storage


8 EXPOSURE CONTROLS/PERSONAL PROTECTION		
INGREDIENT	TWA - 8 hours	STEL - 15 minutes
Aliphatic Hydrocarbon	1200 mg/m ³	No Std.
INGREDIENT COMMENT	WEL = Workplace Exposure Limit	
PROTECTIVE EQUIPMENT		
PROCESS CONDITIONS	Provide eye wash station.	
ENGINEERING	No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.	
VENTILATION	No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. Do not spray.	
RESPIRATORY EQUIPMENT	No specific recommendation made. Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.	
EYE PROTECTION	Wear approved tight fitting safety glasses where splashing is probable.	
HAND PROTECTION	For prolonged or repeated skin contact use suitable protective gloves.	
HYGIENE MEASURES	Wash hands after use. Wash contaminated clothing before reuse. Promptly remove non-impervious clothing that becomes wet or contaminated. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin.	
SKIN PROTECTION	Wear apron or protective clothing in case of splashes.	

9 PHYSICAL AND CHEMICAL PROPERTIES	
BOILING POINT	180-239°C 760 mm Hg
DENSITY (SG)	0.8 g/cm ³
VAPOUR DENSITY	4.5 @ 80°C (Air=1)
VISCOSITY	1.97 mPas
SOLUBILITY	Insoluble in water
FLAMMABILITY LIMIT - UPPER(%)	6.5
FLASH POINT (°C)	70 P/M Pensky-Martens
AUTO IGNITION TEMPERATURE	180°C (356°F) (ASTM E659)
FLAMMABILITY LIMIT - LOWER(%)	0.6
APPEARANCE	Clear Liquid

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ODOUR	Solvent
COLOUR	Colourless
VOLATILE BY VOLUME (%)	100
VOLATILITY DESCRIPTION	Volatile
MELTING POINT (°C)	n/a
10 STABILITY AND REACTIVITY	
STABILITY	Stabile. Avoid: heat; sparks; flames; contact with peroxides.
CONDITIONS TO AVOID	Open flames and other sources of ignition. Avoid contact with acids. Avoid exposing to heat and contact with strong oxidising substances
MATERIALS TO AVOID	Strong acids. Strong oxidizing substances.
HAZARDOUS DECOMPOSITION	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
11 TOXICOLOGICAL INFORMATION	
GENERAL INFORMATION	This product has low toxicity. Only large volumes may have adverse impact on human health.
ROUTE OF ENTRY	Skin and/or eye contact.
INGESTION	Pneumonia may be the result if vomited material containing solvent reaches the lungs.
INHALATION	Not relevant at normal room temperatures. When heated irritating vapours may be formed. Do not spray.
EYE CONTACT	Splashes may irritate.
SKIN CONTACT	Acts as a defatting agent. Prolonged skin contact may aggravate dermatitis in sensitive individuals. May cause skin dryness. May cause cracking of skin and eczema.
HEALTH WARNINGS	This product has low toxicity. Only large volumes may have adverse impact on human health.
OTHER HEALTH EFFECTS	This substance has no evidence of carcinogenic properties.
TARGET ORGANS	No specific target organs noted
MEDICAL SYMPTOMS	No specific symptoms noted
MEDICAL CONSIDERATIONS	Avoid vomiting and normal rinse of stomach because of risk of aspiration.
12 ECOLOGICAL INFORMATION	
ECOTOXICITY	The product is not expected to be hazardous to the environment.
MOBILITY	This product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces
DEGRADABILITY	This product is slowly degradable.
BIOACCUMULATION	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
WATER HAZARD CLASSIFICATION	WGK 1
13 DISPOSAL CONSIDERATIONS	
GENERAL INFORMATION	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority
DISPOSAL METHODS	Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground. Incinerate.
14 TRANSPORTATION INFORMATION	
GENERAL INFORMATION	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). Tariff code. 2910-1000
DOT LABELING	No Transport warning sign required
ADR CLASS	Not applicable.

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15 REGULATORY INFORMATION	
LABELLING	 Harmful
CONTAINS	Aliphatic Hydrocarbon
RISK PHRASES	R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.
SAFETY PHRASES	S-62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. S-37 Wear suitable gloves.
UK REGULATORY REFERENCE	Chemicals (Hazard Information & Packaging for Supply)
STATUTORY INSTRUMENTS	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716)
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.
16 OTHER INFORMATION	
DATE	20.Nov.2010
SHEET REF. No.	Zest-it Solvent
PRODUCT COVERED BY THE SHEET	All sizes of Zest-it Solvent
RISK PHRASES IN FULL	R-36/38 Irritating to eyes and skin R-65 Harmful, may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.

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