




Safety Data Sheet

For occupational use not general public/consumer use

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING					
Product Name	Zest-it® Oil Paint Dilutant and Brush Cleaner				
Product Numbers	Z; 25000; 10000; 5000; 2500; 1000; 500; 250; 125; 50				
Application	Diluent for artists oil paint and brush cleaner				
Container Size	50 ml to 25 Litre				
Supplier	INITIALS PENTAMAR				
Emergency Telephone	+				
2 HAZARDS IDENTIFICATION					
CLASSIFICATION (1999/45/EEC)	Xn;R65.R66.				
ENVIRONMENT:	This product is not expected to be hazardous to the environment.				
HUMAN HEALTH:	Prolonged or repeated contact with skin may cause redness, itching, irritation and chapping.				
PHYSICAL and CHEMICAL HAZARDS:	Vapours are heavier than air and may travel along the floor and in the bottom of containers.				
CONTAINS	Aliphatic Hydrocarbon.				
LABELLING	 Harmful				
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-2: Keep out of reach of children. S-26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wash Hands after use.				
3 COMPOSITION/INFORMATION ON INGREDIENTS					
Mixtures	EC No.	CAS-No.	Content	Class (67/548/EEC)	(EC 1272/2008)
Aliphatic Hydrocarbon	265-149-8	64742-47-8	60 - 100%	Xn;R65. R66	EUH066 Asp.Tox.1-H304
Glycol Ether	225-878-4	005131-66-8	1 - 5%	Xi;R36/38	Not classified
Composition Comments	Contains amongst other ingredient: Aliphatic Hydrocarbons>30%;Limonene;Linalool				
The Full Text for all R-Phrases and Hazard Statements 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.				
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 so the stomach content doesn't get into the lungs. Seek medical attention immediately, bring these instructions.				
SKIN CONTACT	Remove affected person from source of contamination. Wipe skin of excess fluid. Wash the skin immediately with soap or mild detergent and water. Promptly remove any soaked or contaminated clothing and shoes.				
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.				

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5 FIRE FIGHTING MEASURES				
GENERAL INFORMATION		Flash point: 67°C (153°F). Auto ignition: 180°C (356°F). Insoluble in water. May produce dense black smoke.		
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 up wind to avoid fumes. Avoid breathing fumes.		
UNUSUAL FIRE & EXPLOSION HAZARDS		Vapours are heavier than air and may spread near ground to sources of ignition.		
SPECIFIC HAZARDS		Vapours are heavier than air and may travel along the floor or in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.		
PROTECTIVE MEASURES IN FIRE		Use protective equipment appropriate for surrounding materials		
6 ACCIDENTAL RELEASE MEASURES				
PERSONAL PRECAUTIONS		Spillage can be a slippage hazard. Use protective gloves, goggles and suitable protective clothing. Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes.		
ENVIRONMENTAL PRECAUTIONS		Do not allow to enter drains, sewers and watercourses. Used or contaminated product should not be allowed to enter sewers or water courses. Spillages and uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.		
SPILL CLEAN UP METHODS		Wear necessary protective equipment. Stop leak if possible without risk. Avoid sparks, heat, flames 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 courses or sewers.		
7 HANDLING AND STORAGE				
GENERAL INFORMATION		Avoid prolonged skin contact. Wash after using.		
HANDLING PRECAUTIONS		Do not handle or use near open flames or sources of ignition. Risk of vapour concentration on the floor/in low lying areas. Static electricity and formation of sparks must be prevented. Avoid eating, drinking or smoking when handling the product.		
STORAGE PRECAUTIONS		Store in closed container in a cool well ventilated place. Keep away from heat, sparks and open flame.		
STORAGE CLASS		Chemical storage.		
8 EXPOSURE CONTROLS/PERSONAL PROTECTION				
Ingredient	Std	TWA - 8 hours	STEL - 15 minutes	Notes
Aliphatic Hydrocarbon			1200 mg/m ³	
INGREDIENT COMMENTS WEL = Workplace Exposure Limits				
PROTECTIVE EQUIPMENT				
PROCESS CONDITIONS		Provide eye wash station		
ENGINEERING MEASURES		No specific ventilation requirements noted, except this product must not be used in confined space without good ventilation.		
VENTILATION		Adequate natural ventilation will suffice in most instances. Avoid generating mists.		
RESPIRATORY EQUIPMENT		None required in normal use. No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.		
HAND PROTECTION		For prolonged or repeated skin contact use suitable protective gloves.		
EYE PROTECTION		Wear approved tight fitting safety glasses where splashing is probable.		
SKIN PROTECTION		None required in normal use. Wear rubber apron/protective clothing in case of splashes.		
HYGIENE MEASURES		Wash hands after use. Wash contaminated clothing before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove non-impervious clothing that becomes wet or contaminated. When using do not eat, drink or smoke.		

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9 PHYSICAL AND CHEMICAL PROPERTIES	
BOILING POINT	180-239°C (356-462°F) 760 mm Hg
RELATIVE DENSITY (SG)	0.8 g/cm ³
VAPOUR DENSITY	4.5 @ 80°C (Air=1)
RELATIVE DENSITY	0.8 g/cm ³
VISCOSITY	1.97 mPas
SOLUBILITY	Insoluble in water
VOLATILITY DESCRIPTION	Volatile
VOLATILE BY VOLUME	100%
pH VALUE	6.4 ±
FLASH POINT	70°C (158°F) P/M Pensky-Martens
AUTO IGNITION TEMPERATURE	180°C (356°F)
APPEARANCE	Clear Liquid
COLOUR	Colourless
ODOUR	Solvent/Citrus
MELTING POINT	N/A
FLAMMABILITY LIMIT - LOWER (%)	0.6
FLAMMABILITY LIMIT - UPPER (%)	6.5
10 STABILITY AND REACTIVITY	
STABILITY	Stabile. Avoid: heat, sparks, flames. Contact with peroxides.
CONDITIONS TO AVOID	Avoid contact with acids. Avoid exposing to heat and contact with strong oxidising substances. Open flames and other sources of ignition.
MATERIALS TO AVOID	Strong acids. Strong oxidising agents and acids.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
11 TOXICOLOGICAL INFORMATION	
TOXICOLOGICAL INFORMATION	No data recorded
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.
EYE CONTACT	Splashes may irritate.
SKIN CONTACT	Acts a defatting agent on skin. 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 the stomach because of risk of aspiration.
12 ECOLOGICAL INFORMATION	
ECOTOXICITY	This product is not expected to be hazardous to the environment.
MOBILITY	The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.
DEGRADABILITY	The product is slowly degradable.

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BIOACCUMULATION	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
13 DISPOSAL CONSIDERATIONS	
GENERAL INFORMATION	Used or contaminated product should be disposed of in accordance with the contaminate. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
WASTE TREATMENT	Contact specialist disposal companies. Do not allow runoff to sewers, waterway or ground. INCINERATE.
14 TRANSPORTATION INFORMATION	
GENERAL INFORMATION	This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
TRANSPORT/IBC CODE	Not applicable.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
15 REGULATORY INFORMATION	
UK REGULATORY REFERENCE	Chemicals (Hazard Information & Packaging for Supply) Regulations.
STATUTORY INSTRUMENTS	Chemicals (Hazard Information & Packaging) Regulations. 2009
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.
WATER HAZARD CLASSIFICATION	WGK 1
16 OTHER INFORMATION	
REVISION DATE	06/Mar/2012
PRODUCT COVERED BY THE SHEET	All sizes of Zest-it Oil Paint Dilutant and Brush Cleaner.
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.
HAZARD STATEMENT IN FULL	H304 May be fatal if swallowed and enters airways EUH066 Repeated exposure may cause skin dryness or cracking.

Disclaimer.

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