



Zest-it® Oil Paint Dilutant and Brush Cleaner

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, 05000, 02500, 01000, 00500, 00250, 00125, 00050
Application	Thinner for artists oil paint and brush cleaner
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

Repeated exposure may cause skin dryness or cracking. Harmful: may cause lung damage if swallowed.
CLASSIFICATION (1999/45) Xn;R65 R66
ENVIRONMENT: This 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.

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
Orange Terpenes	232-433-8	8028-48-6	10 - 30%	Xn;R65. R10
Comments	Proprietary blend of Citrus oils and Hydrocarbon (Benzene <0.1%)			

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 recommendations 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	If fluid is aspirated into the lungs. Get medical attention immediately. 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. Promptly remove any soaked or contaminated clothing and shoes. Wipe skin of excess fluid. Wash the skin immediately with soap and water or mild detergent and water.
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

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

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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 or in low lying areas. Static electricity and formation of sparks must be prevented. Avoid eating, drinking or smoking when using 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
Aliphatic Hydrocarbon		1200 mg/m ³	No std.
Orange Terpenes		800 mg/m ³	
INGREDIENT COMMENTS	WEL = Workplace Exposure Limits		
PROTECTIVE EQUIPMENT			
PROCESS CONDITIONS	Provide eye wash station		
ENGINEERING	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 or 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.		

9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	180-239 ^o C (356-462 ^o F) 760 mm Hg
DENSITY (SG)	0.8 g/cm ³
VAPOUR DENSITY	4.5 @ 80 ^o 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	67°C (152°F) P/M Pensky-Martens
AUTO IGNITION TEMPERATURE	180°C (356°F)
APPEARANCE	Clear Liquid
COLOUR	Colourless
ODOUR	Hydrocarbon/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.	
	Name: Aliphatic Hydrocarbon	Toxic Dose 1-LD50: >15000 mg/kg (oral rat)

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.
BIOACCUMULATION	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
WATER HAZARD CLASSIFICATION	WGK 1 Name: Aliphatic Hydrocarbon Ecotoxicity: This product is not expected to be hazardous to the environment. Mobility: The product is insoluble in water and will spread on the water surface. Bioaccumulation potential: The product is not bioaccumulating. Degradability: The product is easily biodegradable. Acute Fish Toxicity: Not considered toxic to fish.

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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.
DISPOSAL METHODS	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). Tariff code 2901 1000
	No transport warning sign required.
ADR CLASS	Not applicable.
15 REGULATORY INFORMATION	
LABELLING	 Harmful
CONTAINS	Aliphatic Hydrocarbons. Orange Terpenes
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) Regulations.
STATUTORY INSTRUMENTS	Chemicals (Hazard Information & Packaging) Regulations.
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.
16 OTHER INFORMATION	
DATE	20/Nov/2010 Confirmed correct as of 01/Nov/2018 by J and T Blackman Ltd.
PRODUCT COVERED BY THE SHEET	All sizes of Zest-it Oil Paint Dilutant and Brush Cleaner.
REPLACES SHEET	01/Oct/2008
RISK PHRASES IN FULL	R-10 Flammable R-65 Harmful, may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.

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