



**Zest-it® Pencil Blend**  
(For occupational use not general public/consumer use)





**Safety Data Sheet**

Jan.2017 sp375

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

<b>1.1 Product Identifier</b>	Zest-it® Pencil Blend
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Solvent for blending coloured pencils, oil pastels and similar. Functional fluid. Facilitating fluid. Diluent fluid.
<b>Product Numbers</b>	ZPB; 500, 250, 125, 50
<b>Container size</b>	50 ml to 500 ml
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
<b>1.3 Details of the supplier of the safety data sheet</b>	
<b>1.3 Details of the supplier of the safety data sheet</b>	J and T Blackman Ltd. High Street, Barwell, Leicestershire LE9 8DR Tel: 01162341001. Mob. 07885103576 email: msdssupport@zest-it.biz
<b>1.4 Emergency telephone No</b>	National Poisons Information Service (UK) 0844 8920111 National Chemical Emergency Centre 08701906777 and +44(0)1270502891

**SECTION 2: HAZARDS IDENTIFICATION**

<b>2.1 Classification of the substance or mixture</b>	
<b>Classification under CHIP; Directive 67/548/EEC or 1999/45/EC</b>	 Xn; Harmful: R65 may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.
<b>Classification under CLP; Regulation (EC) No 1272/2008 Most important adverse effects.</b>	 Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. EUH066: Repeated exposure may cause skin dryness or cracking
<b>2.2 Label elements</b>	
<b>Label elements under CLP Hazard pictograms Signal word</b>	 Danger
<b>Hazard statements:</b>	H304 May be fatal if swallowed and enters airways. EUH066: Repeated exposure may cause skin dryness and cracking
<b>Precautionary statements:</b>	P301+331+315 If Swallowed: Do NOT induce vomiting: Get immediate medical advice/attention. P 264 Wash hands thoroughly after handling.
<b>Label elements under CHIP Hazard symbols</b>	 Harmful
<b>Risk phrases</b>	R66 Repeated exposure may cause skin dryness or cracking. R65 Harmful: may cause lung damage if swallowed.
<b>Safety phrases</b>	S62, If swallowed do not induce vomiting: seek medical advice immediately and show this container or label. S2, Keep out of reach of children. Wash hands after use.
<b>2.3 Other hazards</b>	
The mixture contain no components considered to be either persistent, bioaccumulative, toxic (PBT) or very persistent and very bioaccumulative (vPvB).	

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>3.2 Mixtures</b>	
Aliphatic Hydrocarbon CAS-No: 64742-47-8 Classification (EC 1272/2008) R65 R66	EC No: 265-149-8 Classification (67/548/EEC) H304 EUH066 70-95%
Orange Terpenes CAS-No: 8028-48-6 Classification (EC 1272/2008) R65 R10 R38	EC No: 232-433-8 Classification (67/548/EEC) H226 H304 1-10%
The material(s) are listed on the following inventories: REACH, TSCA, DSL, ENCS, EINECS, AICS, ECL, ISHL, PICCS, KECI, ASIA-PAC and NZIoC	
The Full Text for all R-Phrases and Hazard Statements are displayed in Section 16	
Composition comments	Proprietary blend of citrus oils and hydrocarbons(Benzene<0.1%)

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### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>General Info</b>	NEVER give anything by mouth to an unconscious person. If symptoms persist, always call Doctor
<b>Inhalation</b>	Remove from exposure, keep at rest; Supply fresh air; consult doctor in case of complaints.
<b>Ingestion (swallowing)</b>	Immediately rinse mouth; drink plenty of water or milk. DO NOT induce vomiting. If vomiting occurs, keep head low; call for medical help immediately; transfer to hospital.
<b>Skin contact</b>	Promptly remove any soaked or contaminated clothing and shoes. Promptly wash skin with soap and water and rinse thoroughly. If skin irritation occurs consult a doctor.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for up to 15 minutes, holding the eye open. Remove contact lens. If irritation persists consult a doctor.

**4.2 Most important symptoms and effects both acute and delayed.** No further information

**4.3 Indication of any immediate medical attention and special treatment needed.** No further information

### SECTION 5: FIRE FIGHTING MEASURES

<b>General information</b>	Do not breathe in smoke. Use sand or soil.
<b>5.1 Extinguishing media</b>	Extinguish with foam, carbon dioxide (CO <sub>2</sub> ), dry powder, soil, sand or water fog. DO NOT use water jet as this will tend to spread the fire.
<b>5.2 Special hazards arising from the substance or mixture</b>	May produce dense black smoke and toxic fumes. Vapours are heavier than air and may travel along the ground to nearby sources of ignition.
<b>5.3 Advice for firefighters</b>	Wear self contained breathing apparatus for firefighting where necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Spillage can be a slippage hazard. Avoid contact with eyes and skin. Turn leaking containers leak-side up to prevent further escape. Keep unprotected persons away. Ensure adequate ventilation.
<b>6.2 Environmental Precautions</b>	Do not allow to enter drains, sewers or watercourses. Contain the spillage using bunding.
<b>6.3 Method and material for containment and cleaning up</b>	Avoid sparks, flames. Ventilate. Absorb in vermiculite, dry sand or earth. Dike to contain spread. Keep in suitable closed container for disposal. Do not use sawdust
<b>6.4 Reference to other sections</b>	

### SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Do not handle or use near open flames or sources of ignition. Sparks must be prevented. Prevent formation of aerosols or mists. Use in well ventilated area.
<b>7.2 Precautions for safe storage, and any incompatibilities</b>	Store in original container in a cool dry well ventilated place. Keep away from sources of ignition, heat, spark or open flame. Keep container tightly closed
<b>7.3 Specific end use(s)</b>	Store in original container in a cool dry place tightly closed and away from children.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	Contains no substance with occupational exposure limit values
<b>8.2 Exposure controls</b>	
<b>General protective and hygienic measures</b>	Keep away from foodstuffs, beverages and feed. Wash and dry hands before breaks and at the end of work. Do not inhale mists or aerosols.
<b>Respiratory protection</b>	No specific ventilation requirements noted. Use suitable respiratory protective device when aerosol or mist is formed.
<b>Eye Protection</b>	Wear approved tight fitting safety glasses where splashing is probable. Provide eye wash station.
<b>Hand/Skin Protection</b>	Wash and dry hands after use. Use appropriate hand lotion to prevent defatting and cracking of skin. For prolonged or repeated skin contact use suitable protective gloves. Nitrile rubber
<b>Body Protection</b>	Wear apron or protective clothing in case of splashes. Wash contaminated clothing before reuse. The type of protective equipment must be selected according to the concentration and amount of the substance at the specific workplace.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

<b>BOILING POINT AND RANGE</b>	180-239 <sup>0</sup> C (356-462 <sup>0</sup> F) 760 mm Hg (ASTM 1087)
<b>DENSITY (SG)</b>	0.8 g/cm <sup>3</sup>

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VAPOUR DENSITY	4.5 @ 80°C (Air=1)
VISCOSITY	1.97 mPas
SOLUBILITY	Insoluble in water
pH VALUE	6.8 ±
FLASH POINT	68°C (154°F) (Pensky-Martens)
AUTO IGNITION TEMPERATURE	180°C (356°F) (ASTM E659)
Flammability Limit - Lower(%)Upper%	0.6%; 6.5%
Colour	Colourless
APPEARANCE	Clear Liquid
ODOUR	Citrus/Hydrocarbon
VOLATILE BY VOL. (%)	100
<b>9.2 Other information</b>	No further relevant information available

**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Stable under recommended transport or storage conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Hazardous reactions</b>	No dangerous reactions known
<b>10.4 Conditions to avoid</b>	Open flames and other sources of ignition.
<b>10.5 Incompatible material</b>	Avoid contact with strong oxidizing agents and strong acids.
<b>10.6 Hazardous decomposition products</b>	As with any organic material may liberate Carbon Dioxide (CO <sub>2</sub> ) possibly Carbon Monoxide (CO) and other toxic gases or vapours.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>General Information</b>	Product has low toxicity. Only large volumes may adversely impact human health.
<b>11.1 Information on toxicological effects</b>	
Hazard of substance	Aspiration hazard.
Other health effects	This substance has no evidence of carcinogenic properties.
Ingestion	Pneumonia may be the result if vomited material containing solvents 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 as a defatting agent on skin. May cause cracking of skin, and eczema.
Germ cell mutagenicity	This substance has no evidence of mutagenic properties.
Reproductive toxicity	This substance has no evidence of toxicity to reproduction or the unborn.
Toxicological information on ingredients. Toxic Dose 1-LD 50	Aliphatic Hydrocarbon (CAS: 64742-47-8) >15000 mg/kg (oral rat)

**SECTION 12: ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>	The product is not expected to be hazardous to the environment. Not considered toxic to fish.
<b>12.2 Persistence and degradability</b>	The product is slowly degradable.
<b>12.3 Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>12.4 Mobility in soil</b>	Evaporate easily from all surfaces. Readily absorbed into soil.
<b>12.5 Results of PBT and vPvB assessment</b>	This product is not identified as a PBT/vPvB substance
<b>12.6 Other adverse effects</b>	Negligible ecotoxicity

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground.
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**SECTION 14: TRANSPORTATION INFORMATION**

<b>Transport class</b>	This product does not require a classification for transport. ADR 2017 SP 375 (Special Provision) : IMDG at 2.10.2.7: IATA DGR; SP A197; LQ
<b>14.1 UN number</b>	No information required. (was UN3082)
<b>14.2 UN proper shipping name</b>	No information required

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14.3 Transport hazard class(es)	Not applicable (ADR:IMDG:IATA:)
14.4 Packing group	Not applicable.
14.5 Environmental hazard	Marine pollutant - No.
14.6 Special precautions for user	No information required
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	

### SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Chemicals (Hazard Information & Packaging) Regulation Chemicals (Hazard Information & Packaging for Supply) Regulation 2009 (SI 2009 No.716) Classification and Labelling of Substances and Preparations Dangerous for Supply. UK Regulatory References Health and Safety at Work Act 1974. Guidance Notes Workplace Exposure Limits EH40. EU Legislation Regulation (EC) No 1907/2006 REACH. Regulation (EC) No 1272/2008 CLP.
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### 15.2 Chemical Safety Assessment

### SECTION 16: OTHER INFORMATION

Revision Date (next 2022)	12.Jan.2017
Compilation Date	28.Nov.2015; 1.Oct.2012;1.Aug.2010;07.Jul.2008;1.Aug.2002
Sheet Reference	Zest-it® Pencil Blend
RISK PHRASES IN FULL	R10 Flammable R65 Harmful, may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking
HAZARD STATEMENT IN FULL	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. EUH066 Repeated exposure may cause skin dryness or cracking.
<ul style="list-style-type: none"><li>• Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.</li><li>• The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.</li><li>• It is at all times the responsibility of the user to take all necessary measures to comply with safety precautions, legal requirements and local regulations.</li><li>• The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.</li></ul>	

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