

# Craftovator<sup>®</sup> Studio.

CRAFTING EXCELLENCE

## Allergen Declaration:

PRODUCT NAME:

Tea Tree, Essential Oil

INCI:

Melaleuca alternifolia leaf oil

COSMETIC ALLERGENS

The Following is from the 7th amendment of the cosmetic directive of the European Union Annex III.

Annex IIIa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.00
68	BENZYL ALCOHOL	100-51-6	0.00
69	CINNAMYL ALCOHOL	104-54-1	0.00
70	CITRAL	5392-40-5	0.00
71	EUGENOL	97-53-0	0.00
72	HYDROXY-CITRONELLAL	107-75-5	0.00
73	ISOEUGENOL	97-54-1	0.00
74	AMYL CIN-NAMYL ALCOHOL	101-85-9	0.00
75	BENZYL SALICYLATE	118-58-1	0.00
76	CINNAMAL	104-55-2	0.00
77	COUMARIN	91-64-5	0.00
78	GERANIOL	106-24-1	0.00
79	HYDROXY- METHYLPENTYL CYCLOHEXENECARBOXALDEHYDE	31906-04-4	0.00
80	ANISE ALCOHOL	105-13-5	0.00
81	BENZYL CINNAMATE	103-41-3	0.00
82	FARNESOL	4602-84-0	0.00
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.00
84	LINALOOL	78-70-6	<0.1
85	BENZYL BENZOATE	120-51-4	0.00
86	CITRONELLOL	106-22-9	0.00
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.00
88	LIMONENE	5989-27-5	<5.0
89	METHYL HEPTIN CARBONATE	111-12-6	0.00
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.00
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.00
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.00

FOOD ALLERGENS

The following is from the commission directive 2007/68/EC of 27th November 2007 amending Annex IIIa to Directive 2002/46/EC of the European Parliament & Council with regards to specific food ingredients.

Annex IIIa Reference:		PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERiac	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO

This product IS food grade

This product IS food grade

Kindest Regards,

Craftovator  
Studio

www.craftovator.co.uk

## Composition Statement & Manufacturing Flow Chart:

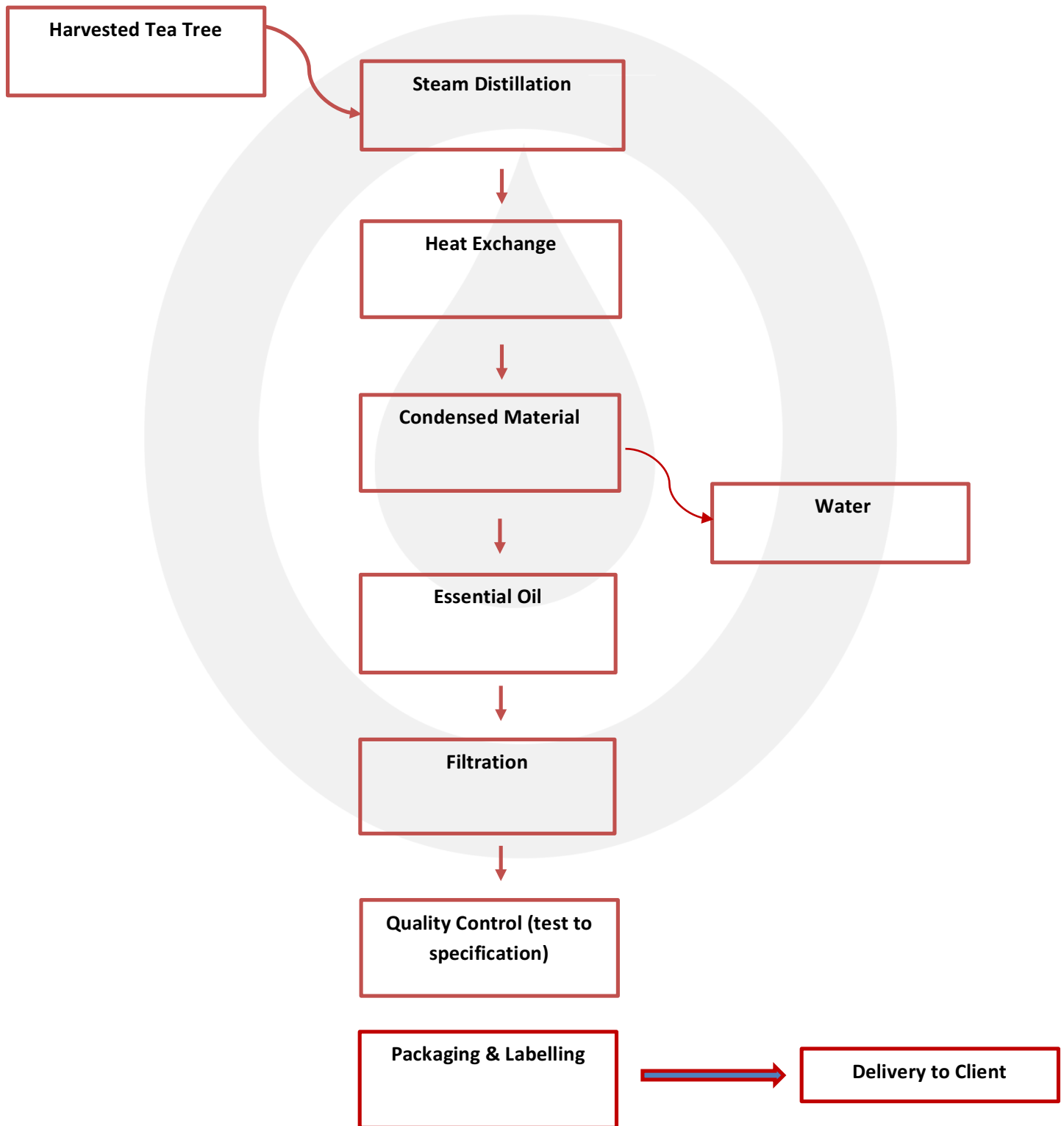
Craftovator Studio can hereby confirm the following composition breakdown & manufacturing process flow;

**Tea Tree, Essential Oil**

INCI Name	% Inclusion	CAS Number
Melaleuca Alternifolia Leaf Oil	100	85085-48-9 / 68647-73-4

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## Material Safety Data Sheet

EU Regulation: 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1

##### PRODUCT IDENTIFICATION

PRODUCT NAME	TEA TREE, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	MELALEUCA ALTERNIFOLIA LEAF OIL IS THE OIL DISTILLED FROM THE LEAVES OF THE TEA TREE, MELALEUCA ALTERNIFOLIA, MYRTACEAE.				
INCI NAME	MELALEUCA ALTERNIFOLIA LEAF OIL				
SYNONYMS & TRADE NAMES	TEA TREE OIL				
INTERNAL PRODUCT CODE	K0457				
CAS-NO	85085-48-9 / 68647-73-4 / 8022-72-8	EC No.	285-377-1	EINECS No.	285-377-1

#### 1.2

##### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET





COMPANY ADDRESS	Craftovator Studio Imperial Supply Ltd. Common Lane, Industrial Estate, Kenilworth, CV8 2EL				
EMAIL	info@craftovator.co.uk				

#### 1.3

##### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

EMERGENCY CONTACTS	+44 1926 291009				
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SECTION 2: HAZARDS IDENTIFICATION	
2.1	
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	<p>PHYSICAL AND CHEMICAL HAZARDS: FLAM. LIQ. 3 - H226</p> <p>HUMAN HEALTH: ACUTE TOX. 4 - H302. SKIN IRRIT. 2 - H315. EYE IRRIT. 2 - H319. SKIN SENS. 1 - H317. ASP. TOX. 1 - H304.</p> <p>ENVIRONMENT: AQUATIC ACUTE 2 - H401. AQUATIC CHRONIC 2 - H411.</p>
2.2	
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	    <p>GHS02      GHS07      GHS08      GHS09</p>
SIGNAL WORD	DANGER.
CONTAINS	ALPHA PINENE NATURAL, A-TERPINENE, BETA PINENE, G-TERPINENE, LIMONENE, TERPINEN-4-OL
HAZARDS STATEMENT	<p>H226 FLAMMABLE LIQUID AND VAPOUR.</p> <p>H302 HARMFUL IF SWALLOWED.</p> <p>H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.</p> <p>H315 CAUSES SKIN IRRITATION.</p> <p>H317 MAY CAUSE AN ALLERGIC SKIN REACTION.</p> <p>H319 CAUSES SERIOUS EYE IRRITATION.</p> <p>H401 TOXIC TO AQUATIC LIFE.</p> <p>H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</p>
PRECAUTIONARY STATEMENTS	<p>P273 AVOID RELEASE TO THE ENVIRONMENT.</p> <p>P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.</p> <p>P262 DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.</p> <p>P301+310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.</p> <p>P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.</p>

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	<p>P331 Do NOT INDUCE VOMITING.</p> <p>P391 COLLECT SPILLAGE.</p>
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	<p>P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.</p> <p>P233 KEEP CONTAINER TIGHTLY CLOSED.</p> <p>P240 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.</p> <p>P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/.../EQUIPMENT.</p> <p>P242 USE ONLY NON-SPARKING TOOLS.</p> <p>P243 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.</p> <p>P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.</p> <p>P264 WASH ... THOROUGHLY AFTER HANDLING.</p> <p>P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.</p> <p>P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.</p> <p>P301+312 IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.</p> <p>P302+352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.</p> <p>P303+361+353 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.</p> <p>P313 GET MEDICAL ADVICE/ATTENTION.</p> <p>P321 SPECIFIC TREATMENT (SEE ... ON THIS LABEL).</p> <p>P330 RINSE MOUTH.</p> <p>P332+313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.</p> <p>P333+313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.</p> <p>P337 IF EYE IRRITATION PERSISTS:</p> <p>P362 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.</p> <p>P363 WASH CONTAMINATED CLOTHING BEFORE REUSE.</p> <p>P370+378 IN CASE OF FIRE: USE ... FOR EXTINCTION.</p> <p>P403+235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL.</p> <p>P405 STORE LOCKED UP.</p> <p>P501 DISPOSE OF CONTENTS/CONTAINER TO ...</p>

## SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.

2.3 OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	No DATA
ADVERSE EFFECTS ON HUMAN HEALTH	No DATA
PBT OR VPvB ACCORDING TO ANNEX XIII	No DATA

## SECTION 3: COMPOSITION OF INGREDIENTS

3.2 MIXTURES	<b>1.0 – 5.0% ALPHA PINENE NATURAL</b> CLASSIFICATION (EC 1272/2008) H317, Asp. TOX. 1 - H304	CAS-No: 80-56-8 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 -	EC No: 201-291-9
	<b>10.0 – 30.0% G-TERPINENE</b> CLASSIFICATION (EC 1272/2008)	CAS-No: 99-85-4 FLAM. LIQ. 3 - H226, Asp. TOX. 1 - H304	EC No: 202-794-6
	<b>10.0 – 30.0% A-TERPINENE</b>	CAS-No: 99-86-5	EC No: 202-795-1

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	CLASSIFICATION (EC 1272/2008) H304, AQUATIC CHRONIC 2 - H411	FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, ASP. TOX. 1 - H304, AQUATIC CHRONIC 2 - H411
<b>1.0 – 5.0% A-TERPINEOL (P-MENTH-1-EN-8-OL)</b>	CAS-No: 98-55-5 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319	EC No: 202-680-6
<b>1.0 – 5.0% BETA-PINENE</b>	CAS-No: 127-91-3 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304	EC No: 204-872-5
<b>1.0 – 5.0% D-LIMONENE</b>	CAS-No: 5989-27-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410	EC No: 227-813-5
<b>5.0 – 10.0% P-CYMENE</b>	CAS-No: 99-87-6 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410	EC No: 202-796-7
<b>30.0 – 60.0% TERPIN-4-OL</b>	CAS-No: 562-74-3 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, AQUATIC ACUTE 3 - H402	EC No: 209-235-5
<b>1.0 – 5.0% TERPINOLENE</b>	CAS-No: 586-62-9 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, AQUATIC CHRONIC 2 - H411	EC No: 209-57-0

SECTION 4: FIRST AID MEASURES									
<b>4.1</b> DESCRIPTION OF FIRST AID MEASURES									
<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.								
<b>INHALATION</b>	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.								
<b>INGESTION</b>	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.								
<b>SKIN CONTACT</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.								
<b>EYE CONTACT</b>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.								
<b>4.2</b> MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	<table> <tr> <td>INHALATION</td><td>MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.</td></tr> <tr> <td>INGESTION</td><td>IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.</td></tr> <tr> <td>SKIN CONTACT</td><td>TOXIC IN CONTACT WITH SKIN.</td></tr> <tr> <td>EYE CONTACT</td><td>MAY CAUSE EYE IRRITATION.</td></tr> </table>	INHALATION	MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.	INGESTION	IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.	SKIN CONTACT	TOXIC IN CONTACT WITH SKIN.	EYE CONTACT	MAY CAUSE EYE IRRITATION.
INHALATION	MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.								
INGESTION	IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.								
SKIN CONTACT	TOXIC IN CONTACT WITH SKIN.								
EYE CONTACT	MAY CAUSE EYE IRRITATION.								
<b>4.3</b> INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.								

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## SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
5.3 ADVICE FOR FIRE-FIGHTERS	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

## SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.
7.3 SPECIFIC END USE(S)	NO DATA.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

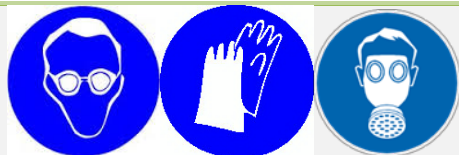
8.1 CONTROL PARAMETERS	NO DATA.
8.2 EXPOSURE CONTROLS	

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<b>EYE PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>HAND PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>RESPIRATORY EQUIPMENT</b>	UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7.
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>ENGINEERING MEASURES</b>	NONE.
<b>SKIN PROTECTION</b>	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
<b>OTHER PROTECTION</b>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
<b>ENVIRONMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

<b>9.1 PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	COLOURLESS TO PALE YELLOW.
<b>ODOUR</b>	CHARACTERISTIC – POWERFUL, WARM, SPICY.
<b>RELATIVE DENSITY</b>	0.885 - 0.906 @ 20°C
<b>FLASH POINT (°C)</b>	57°C
<b>REFRACTIVE INDEX @ 20 °C</b>	1.473 - 1.482 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER

<b>9.2 OTHER INFORMATION</b>	NO DATA.
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## SECTION 10: STABILITY & REACTIVITY

<b>10.1 REACTIVITY</b>	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS, BY ITSELF OR IN CONTACT WITH WATER. STABLE UNDER NORMAL TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE.
<b>10.2 CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	NO.
<b>10.4 CONDITIONS TO AVOID</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.

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10.5 INCOMPATIBLE MATERIALS	STRONG ACIDS, ALKALI OR OXIDISING
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 TOXICOLOGICAL EFFECTS

<b>ACUTE TOXICITY</b>	TOXIC DOSE 1 - LD 50 TOXIC DOSE 2 - LD 50	1.9 (1.4 - 2.7) MG/KG (ORAL RAT) 1.9 - 2.6 G/KG 13 MG/KG (ORAL RAT)
<b>SKIN IRRITATION</b>	MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. MAY BE HARMFUL IF SWALLOWED.	
<b>EYE DAMAGE OR IRRITATION</b>	MAY CAUSE EYE IRRITATION.	
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	POTENTIAL IRRITANT IF INHALED.	
<b>GERM CELL MUTAGENICITY</b>	NO DATA	
<b>CARCINOGENICITY</b>	NO DATA	
<b>REPRODUCTIVE TOXICITY</b>	NO DATA	
<b>STOT – SINGLE EXPOSURE</b>	NO DATA	
<b>STOT – REPEATED EXPOSURE</b>	NO DATA	
<b>ASPIRATION HAZARD</b>	NO DATA	
<b>OTHER INFORMATION</b>	NO DATA.	

## SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	NOT ACUTELY TOXIC TO FISH (LC50>100MG/L OECD 203).
12.2 PERSISTENCE & DEGRADABILITY	THE PRODUCT IS NOT READILY BIODEGRADABLE.
12.3 BIO- ACCUMULATIVE POTENTIAL	PARTITION COEFFICIENT      3.4 - 5.5
12.4 MOBILITY IN SOIL	MOBILITY:      LOG10KOC = 2.3-5.0
12.5 RESULTS OF PBT & VPVB ASSESSMENT	THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: DISPOSAL INFORMATION



13.1	
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<b>WASTE TREATMENT METHODS</b>	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.
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SECTION 14: TRANSPORT INFORMATION	
<b>14.1</b> TRANSPORT INFORMATION	
UN NUMBER	ROAD: 1169 RAIL: 1169 AIR: 1169
14.2 UN SHIPPING NAME	UN1169 EXTRACTS, AROMATIC, LIQUID (TEA TREE)
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS: 3 FLAMMABLE LIQUID. IMDG CLASS: 3 FLAMMABLE LIQUID. ICAO CLASS/DIVISION: 3 FLAMMABLE LIQUID.  TRANSPORT LABELS 
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIROMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT  
14.6 SPECIAL PRECAUTIONS FOR USER	EMS: F-E, S-D EMERGENCY ACTION CODE: 3YE HAZARD No (ADR): 30 FLAMMABLE LIQUID (FLASH-POINT BETWEEN 23°C AND 60°C, INCLUSIVE) OR FLAMMABLE LIQUID OR SOLID IN THE MOLTEN STATE WITH A FLASH-POINT ABOVE 60°C, HEATED TO A TEMPERATURE EQUAL TO OR ABOVE ITS FLASH-POINT, OR SELF HEATING LIQUID. TUNNEL RESTRICTION CODE: (D/E)

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<b>14.7</b> <b>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b>	NO ADDITIONAL DATA.
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1</b> <b>PRODUCT SPECIFIC SAFETY, HEALTH &amp; ENVIRONMENTAL REGULATIONS &amp; LEGISLATION</b>	
<b>EU DIRECTIVES</b>	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
<b>STATUTORY INSTRUMENTS</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
<b>APPROVED CODE OF PRACTICE</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>GUIDANCE NOTES</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2</b> <b>CHEMICAL SAFETY ASSESSMENT</b>	-

<b>SECTION 16: OTHER INFORMATION</b>	
<b>HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL</b>	H319 CAUSES SERIOUS EYE IRRITATION. H315 CAUSES SKIN IRRITATION. H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H402 HARMFUL TO AQUATIC LIFE. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H401 TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H400 VERY TOXIC TO AQUATIC LIFE.
<b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b>	
<b>ABBREVIATIONS &amp; ACRONYMS:</b>	
<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.

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ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

## DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 <sup>TH</sup> APRIL 2018	DATA LAUNCH

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## SPECIFICATION SHEET

**PRODUCT NAME:** TEA TREE, ESSENTIAL OIL

**PRODUCT INCI:** MELALEUCA ALTERNIFOLIA LEAF OIL

**PRODUCT CODE:** K0457

**CAS NUMBER:** 85085-48-9 / 68647-73-4 / 8022-72-8

**EINECS NUMBER:** 285-377-1

**MANUFACTURING METHOD:** STEAM DISTILLED

**SHELF LIFE / BEST BEFORE:** 24 MONTHS

ANALYTICAL DETAILS	RANGE
APPEARANCE	LIQUID
COLOUR	COLOURLESS – PALE YELLOW
ODOUR	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.885 – 0.906
REFRACTIVE INDEX @ 20°C	1.470 – 1.482
OPTICAL ROTATION (°C)	+5.0 TO +15.0
1.8 CINEOLE CONTENT (%)	MAX 5.0
TERPINENE-4-OL (%)	MIN 35.0

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

24<sup>TH</sup> MAY 2018

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## IFRA STATEMENT

PRODUCT NAME: **TEA TREE, ESSENTIAL OIL**

PRODUCT INCI: MELALEUCA ALTERNIFOLIA LEAF OIL

CRAFTOVATOR LTD CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 49 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 49TH AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	2 – 3	Specification Std

IFRA Category	% Maximum Use Level
IFRA Category 1	Not Restricted
IFRA Category 2	Not Restricted
IFRA Category 3	Not Restricted
IFRA Category 4	Not Restricted
IFRA Category 5A	Not Restricted
IFRA Category 5B	Not Restricted
IFRA Category 5C	Not Restricted
IFRA Category 5D	Not Restricted
IFRA Category 6	Not Restricted
IFRA Category 7A	Not Restricted
IFRA Category 7B	Not Restricted
IFRA Category 8	Not Restricted
IFRA Category 9	Not Restricted
IFRA Category 10A	Not Restricted
IFRA Category 10B	Not Restricted
IFRA Category 11A	Not Restricted
IFRA Category 11B	Not Restricted
IFRA Category 12	Not Restricted

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IFRA Category	Product Type	Flavour Use	Phototoxicity
Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.	Yes	Applicable (leave-on products)
Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist)	No	Applicable (leave-on products)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes	No	Applicable (leave-on products)
Category 4	Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products	No	Applicable (leave-on products)
Category 5A	Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc).	No	Applicable (leave-on products)
Category 5B	Facial toner. Facial moisturizers and creams	No	Applicable (leave-on products)
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	Applicable (leave-on products)
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable (leave-on products)
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	Applicable (leave-on products)
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	No	Applicable (leave-on products)
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave-on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer	No	Applicable (leave-on products)
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable (leave-on products)
Category 9	Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets	NO	Applicable (rinse-off products)
Category 10A	Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water).	NO	Applicable (rinse-off products)
Category 10B	Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides	NO	Applicable (rinse-off products)
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	NO	Not applicable (leave-on products without UV exposure)
Category 11B	Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).	NO	Applicable (leave-on products)
Category 12	Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).	NO	Not applicable (non-skin contact products)

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