

# MYSTIC MOMENTS

## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION AND COMPOSITION

Product Name:	Fire – Chinese Essential Oil Blend
Batch Number:	4561404
Best Before End:	November 2027
Country of Manufacture:	United Kingdom

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Appearance:	Clear, mobile liquid	Conforms
Odour:	Characteristic aroma	Conforms

### STORAGE CONDITIONS

Stored at temperature <30°C in closed containers and protected from direct sunlight.

### ADDITIONAL INFORMATION

### DISCLAIMER

The information contained in this Certificate of Analysis is obtained from current and reliable sources. MADAR Corporation Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of MADAR Corporation Ltd., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. MADAR Corporation Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by MADAR Corporation Ltd as to the fitness for any use. The liability of MADAR Corporation Ltd is limited to the value of the goods and does not include any consequential loss. MADAR Corporation Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. MADAR Corporation Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

ALLERGEN DECLARATION

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

Madar Corporation - Chinese Fire

Ingredient	CAS	EC	Concentration (%)
BERGAMOT OIL	8007-75-8		20%
Benzaldehyde	100-52-7	202-860-4	0.016%
Benzyl alcohol	100-51-6		0.11%
Benzyl benzoate	120-51-4		1.75%
Benzyl salicylate	118-58-1	204-262-9	0.7%
Cinnamaldehyde	104-55-2	203-213-9	0.15%
Cinnamic aldehyde	104-55-2		0.15%
Eugenol	97-53-0		7.5%
Eugenyl acetate	93-28-7	202-235-6	0.25%
Farnesol	4602-84-0, 106-28-5, 3790-71-4, 16106-95-9, 3879-60-5		0.3%
Geraniol	106-24-1		0.2%
Geranyl acetate	105-87-3	203-341-5	1.4%
Isoeugenol	97-54-1, 5932-68-3	227-678-2, 202-590-7	0.11%
Limonene	138-86-3, 7705-14-8, 5989-27-5, 5989-54-8	227-815-6, 227-813-5, 231-732-0, 205-341-0	15.036%
Linalool	78-70-6, 126-90-9, 126-91-0		16.87%
Terpinolene	586-62-9	209-578-0	0.17%
Ylang ylang extracts	8006-81-3, 68606-83-7, 83863-30-3		20%
alpha-Pinene	80-56-8	201-291-9	0.52%

Regulatory Affairs Department

CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

**CERTIFYING PARTY:**  
Madar Corporation Limited  
19-20 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA

**SCOPE OF THE CERTIFICATE:**  
Madar Corporation - Chinese Fire

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published June 2023), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	0.65%
IFRA Category 2	0.19%
IFRA Category 3	2.00%
IFRA Category 4	2.00%
IFRA Category 5A	0.90%
IFRA Category 5B	0.90%
IFRA Category 5C	0.90%
IFRA Category 5D	0.90%
IFRA Category 6	2.00%
IFRA Category 7A	7.50%
IFRA Category 7B	2.00%
IFRA Category 8	0.38%
IFRA Category 9	7.00%
IFRA Category 10A	8.33%
IFRA Category 10B	2.00%
IFRA Category 11A	2.83%
IFRA Category 11B	2.00%
IFRA Category 12	8.33%

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Madar Corporation Limited

ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture Madar Corporation - Chinese Fire is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
Benzaldehyde	100-52-7	0.0160%
Benzyl alcohol	100-51-6	0.0100%
Benzyl benzoate	120-51-4	0.3500%

Bergamot oil expressed	8007-75-8, 89957-91-5	20.0000%
Cinnamic aldehyde	104-55-2	0.1500%
Eugenol	97-53-0	7.4000%
Isoeugenol	97-54-1, 5932-68-3	0.0100%
Methyl N-methylantranilate	85-91-6	0.0800%
Safrole	94-59-7	0.1200%
Ylang ylang extracts	8006-81-3, 68606-83-7, 83863-30-3	20.0000%

Regulatory Affairs Department

## ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Childrens toys
IFRA 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)
IFRA 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
IFRA Category 4	Hydroalcoholic and nonhydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms ); Fragranced bracelets; Ingredients of perfume kits and fragrance mixtures for cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products
IFRA 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)
IFRA Category 5B	Facial toner; Facial moisturizers and creams (including care products for beard and mustache)
IFRA Category 5C	Hand cream; Nail care products including cuticle creams, nail lacquer remover, etc.; Hand sanitizers
IFRA Category 5D	Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g., relaxers), including rinse-off hair dyes
IFRA 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, hair perfume
IFRA Category 8	Intimate wipes; Intimate deodorant spray; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Bar soap; Shampoo of all types; 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 (such as bath bombs); 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
IFRA 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; Toilet seat wipes; Fabric softeners of all types excluding 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); Dry cleaning kits (involving manual application on the textile)
IFRA Category 10B	Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Feminine hygiene conventional pads, liners, interlabial pads; Baby diapers; Incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Pillow spray; Paper towels; Wheat bags; Facial masks (paper/protective) e.g., surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA 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 fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals, solid non aerosol car diffuser); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact (e.g., fabric drying machine deodorizers, carpet powders); Dry cleaning kits (placed in the dryer); Dryer sheets and fabric softener sheets; Fuels; Insecticides (e.g., mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash 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); Toilet gel; Scent beads

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** Madar Corporation - Chinese Fire

**Version:** 1

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** Madar Corporation - Chinese Fire (Contains:BERGAMOT OIL, Safrole, d-Limonene, p-Mentha-1,4-diene)

**Other identifiers:** None

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Madar Corporation Limited

**Company address:** 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA

**Contact:** Madar Corporation Limited

**E-Mail address:** technical@madarcorporation.co.uk

**Company phone:** 01425 655555

#### 1.4 Emergency telephone number

**Emergency phone:** 01425 655555

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Carcinogenicity Category 1B  
Toxic to Reproduction Category 2  
Aspiration Hazard Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 3  
H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H350, May cause cancer (exposure route).  
H361, Suspected of damaging fertility or the unborn child (exposure route).  
H412, Harmful to aquatic life with long lasting effects.

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Product: Madar Corporation - Chinese Fire  
Version: 1

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H350, May cause cancer (exposure route).  
H361, Suspected of damaging fertility or the unborn child (exposure route).  
H412, Harmful to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains Benzyl salicylate, Cinnamaldehyde, Eugenol, GERANIUM OIL, Geraniol, Geranyl acetate, Isoeugenol, Linalool, Terpinolene, alpha-Pinene, beta-Caryophyllene, beta-Pinene, trans-trans-Farnesol. May produce an allergic reaction.

Precautionary statements: P101, If medical advice is needed, have product container or label at hand.  
P102, Keep out of reach of children.  
P202, Do not handle until all safety precautions have been read and understood.  
P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308/313, IF exposed or concerned: Get medical advice/attention.  
P331, Do not induce vomiting.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

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Pictograms:



2.3 Other hazards

Other hazards: Sensitisers declared on a CLP Hazard Label: Benzyl salicylate, Cinnamaldehyde, Eugenol, GERANIUM OIL, Geraniol, Geranyl acetate, Isoeugenol, Linalool, Terpinolene, alpha-Pinene, beta-Caryophyllene, beta-Pinene, trans-trans-Farnesol  
Hydrocarbon Concentration %: < 23.7000%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
BERGAMOT OIL	8007-75-8			20.00%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1-Asp. Tox 1-Aquatic Chronic 3; H304-H315-H317-H319-H412,-	
GERANIUM OIL	8000-46-2			15.00%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	dermal: ATE = 2500 mg/kg bw-oral: ATE = 4584 mg/kg bw
d-Limonene	5989-27-5	227-813-5		15.00%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3; H226-H304-H315-H317-H400-H412,-	M = 1
Eugenol	97-53-0	202-589-1		7.50%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-	oral: ATE = 2500 mg/kg bw
p-Mentha-1,4-diene	99-85-4	202-794-6		3.40%	Flam. Liq. 3-Repr. 2-Asp. Tox 1;H226-H304-H361,-	oral: ATE = 3850 mg/kg bw
Linalool	78-70-6	201-134-4		1.87%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	oral: ATE = 2790 mg/kg bw
Benzyl benzoate	120-51-4	204-402-9		1.75%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400-H411,-	dermal: ATE = 4000 mg/kg bw-oral: ATE = 1500 mg/kg bw
p-Methylanisole	104-93-8	203-253-7		1.60%	Acute Tox. 4-Skin Irrit. 2-Repr. 2;H302-H315-H361,-	oral: ATE = 1900 mg/kg bw
beta-Caryophyllene	87-44-5	201-746-1		1.60%	Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304-H317-H413,-	



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Benzyl acetate	140-11-4	205-399-7		1.60%	Aquatic Chronic 3; H412,-	oral: ATE = 2490 mg/kg bw
Geranyl acetate	105-87-3	203-341-5		1.40%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3; H315-H317-H412,-	
Methyl benzoate	93-58-3	202-259-7		1.00%	Acute Tox. 4;H302,-	oral: ATE = 1300 mg/kg bw
Benzyl salicylate	118-58-1	204-262-9		0.70%	Skin Sens. 1B-Aquatic Chronic 3;H317-H412,-	oral: ATE = 2200 mg/kg bw
alpha-Pinene	80-56-8	201-291-9		0.52%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H302-H304-H315-H317-H410,-	M = 1-oral: ATE = 500 mg/kg bw
Myrcene	123-35-3	204-622-5		0.37%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 2; H226-H304-H315-H319-H400-H411,-	M = 1
beta-Pinene	127-91-3	204-872-5		0.33%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1; H226-H304-H315-H317-H410,-	M = 1
trans-trans-Farnesol	106-28-5			0.30%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	
Geraniol	106-24-1	203-377-1		0.20%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318,-	oral: ATE = 3600 mg/kg bw
Terpinolene	586-62-9	209-578-0		0.17%	Flam. Liq. 3-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H317-H410,-	M = 1-oral: ATE = 3775 mg/kg bw
Cinnamaldehyde	104-55-2	203-213-9		0.15%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-Aquatic Chronic 3;H312-H315-H317-H319-H412,-	dermal: ATE = 1100 mg/kg bw-oral: ATE = 2200 mg/kg bw
p-Cymene	99-87-6	202-796-7		0.15%	Flam. Liq. 3-Repr. 2-Asp. Tox 1-Aquatic Chronic 2;H226-H304-H361-H411,-	oral: ATE = 4750 mg/kg bw
Safrole	94-59-7	202-345-4		0.12%	Acute Tox. 4-Muta. 2-Carc. 1B;H302-H341-H350,-	oral: ATE = 1950 mg/kg bw
Isoeugenol	97-54-1	202-590-7		0.11%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-STOT SE 3;H302-H312-H315-H317-H319-H332-H335,-	inhalation: ATE = 1.5 mg/l (dusts or mists)-dermal: ATE = 1912 mg/kg bw-oral: ATE = 1500 mg/kg bw

### Substances with Community workplace exposure limits:

Not Applicable

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**Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:**

Not Applicable

**Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:**

Not Applicable

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.  
**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.  
**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause cancer (exposure route).  
Suspected of damaging fertility or the unborn child (exposure route).

#### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

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### Section 6. Accidental release measures

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### **6.2 Environmental precautions:**

Keep away from drains, surface and ground water, and soil.

#### **6.3 Methods and 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 Reference to other sections:**

Also refer to sections 8 and 13.

### Section 7. Handling and storage

#### **7.1 Precautions for safe handling:**

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:**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### **7.3 Specific end use(s):**

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

### Section 8. Exposure controls/personal protection

#### **8.1 Control parameters**

Workplace exposure limits: Not Applicable

#### **8.2 Exposure Controls**

##### **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

##### **Respiratory Protection**

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

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systems for transferring and processing this material.

Also refer to Sections 2 and 7.

### Section 9. Physical and chemical properties

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

<b>Physical State/Colour:</b>	Clear yellow
<b>Odour:</b>	Not determined
<b>Odour threshold:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range:</b>	Not determined
<b>Flammability:</b>	Not determined
<b>Lower and upper explosion limit:</b>	Not determined
<b>Flash point:</b>	> 65 °C
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not relevant
<b>pH:</b>	Not determined
<b>Kinematic viscosity:</b>	Not determined
<b>Solubility:</b>	Not determined
<b>Partition coefficient: n-octanol/water (log value):</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density:</b>	Not determined
<b>Relative vapour density:</b>	0.877375 - 0.887375
<b>Particle characteristics:</b>	Not determined
<b>Reactive index:</b>	1.47285 - 1.48552
<b>Optical rotation:</b>	10.47

**9.2 Other information:** None available **Section 10. Stability and reactivity**

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

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10.6 Hazardous decomposition products:  
Not expected.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity: Based on available data the classification criteria are not met.  
Acute Toxicity Oral >5000  
Acute Toxicity Dermal >5000  
Acute Toxicity Inhalation Not Available  
Skin corrosion/irritation: Skin Corrosion / Irritation Category 2  
Serious eye damage/irritation: Eye Damage / Irritation Category 2  
Respiratory or skin sensitisation: Sensitization - Skin Category 1  
Germ cell mutagenicity: Based on available data the classification criteria are not met.  
Carcinogenicity: Carcinogenicity Category 1B  
Reproductive toxicity: Toxic to Reproduction Category 2  
STOT-single exposure: Based on available data the classification criteria are not met.  
STOT-repeated exposure: Based on available data the classification criteria are not met.  
Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Benzyl benzoate	120-51-4	204-402-9	1500	4000	Not available	Not available
Methyl benzoate	93-58-3	202-259-7	1300	Not available	Not available	Not available
p-Methylanisole	104-93-8	203-253-7	1900	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity: Harmful to aquatic life with long lasting effects.  
12.2 Persistence and degradability: Not available  
12.3 Bioaccumulative potential: Not available  
12.4 Mobility in soil: Not available

**SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** Madar Corporation - Chinese Fire**Version:** 1**12.5 Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable**12.7 Other adverse effects:** Not available**Section 13. Disposal considerations****13.1 Waste treatment methods:**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Section 14. Transport information**

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

**14.5 Environmental hazards:** Not environmentally hazardous for transport**14.6 Special precautions for user:** None additional**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not classified

**Section 15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Water Hazard Class (WGK): 3

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

**Section 16. Other information****Concentration % Limits:** SCI 2=18.22% EDI 2=21.57% SS 1=5.00% CAR 1B=83.33% REP 2=88.24% AH 1=42.19% EH C3=15.87% EH C4=59.00%**Total Fractional Values:** SCI 2=5.49 EDI 2=4.64 SS 1=20.00 CAR 1B=1.20 REP 2=1.13 AH 1=2.37 EH C3=6.30 EH C4=1.69**Key to revisions:**

SAFETY DATA SHEET

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Product: Madar Corporation - Chinese Fire

Version: 1

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 4	Acute Toxicity - Inhalation Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Aquatic Chronic 4	Hazardous to the Aquatic Environment - Long-term Hazard Category 4
Asp. Tox 1	Aspiration Hazard Category 1
Carc. 1B	Carcinogenicity Category 1B
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects (exposure route).
H350	May cause cancer (exposure route).
H361	Suspected of damaging fertility or the unborn child (exposure route).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
Muta. 2	Germ Cell Mutagenicity Category 2
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.

## SAFETY DATA SHEET

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**Product:** Madar Corporation - Chinese Fire

**Version:** 1

P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P281	Use personal protective equipment as required.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Repr. 2	Toxic to Reproduction Category 2
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.