

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** MK9 CS Mace Fogger
- **Article number:** 9020
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Safariland, LLC
13386 International Parkway
Jacksonville, FL 32218
Customer Care (800) 347-1200

Distributed within Australia by:
Grycol International Pty Ltd

(Physical Address)
344 Botany Road,
Alexandria, NSW 2015 Australia

(Mailing Address)
P.O. Box 6123 SSBH
Alexandria NSW 2015 Australia

Ph: + 61 2 9698 8725
Fax: +61 2 9319 0732
- **Further information obtainable from:** Customer Care Department
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585
Poison Control Centres:
In the United Kingdom: 844 892 0111
In Australia: 131126
In New Zealand: +0800 764 766

2 Hazards identification

- **Classification of the substance or mixture**



health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

H229 Pressurised container: May burst if heated.

(Contd. on page 2)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: **MK9 CS Mace Fogger**

(Contd. of page 1)

- **Label elements**
- **GHS label elements**
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**
d-Limonene (CLP classification)
[(2-chlorophenyl)methylene]malononitrile
- **Hazard statements**
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P284 In case of inadequate ventilation wear respiratory protection.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Hazard description:**
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

811-97-2	Norflurane	60-100%
	Press. Gas, H280	

(Contd. on page 3)

Safety Data Sheet









According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: **MK9 CS Mace Fogger**

(Contd. of page 2)

5989-27-5	d-Limonene (CLP classification)  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Skin Irrit. 2, H315; Skin Sens. 1, H317	10-30%
78-92-2	butanol  Flam. Liq. 3, H226  Eye Irrit. 2A, H319	10-30%
34590-94-8	(2-methoxymethylethoxy)propanol H227	< 10%
2698-41-1	[(2-chlorophenyl)methylene]malononitrile  Acute Tox. 3, H301  Resp. Sens. 1, H334  Skin Sens. 1, H317	<10%

4 First aid measures

· Description of first aid measures

· General information:

Take affected persons out into the fresh air.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

· Most important symptoms and effects, both acute and delayed

Asthma attacks

Headache

Breathing difficulty

Dizziness

Coughing

Allergic reactions

Irritant to skin and mucous membranes.

Irritant to eyes.

· Hazards

Danger of pulmonary oedema.

Danger of impaired breathing.

Vapours may cause drowsiness and dizziness.

· Indication of any immediate medical attention and special treatment needed

May produce a lachrymatory / laryngospastic effect.

If swallowed or in case of vomiting, danger of entering the lungs.

Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible.

(Contd. on page 4)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 3)

Contains d-Limonene (CLP classification), [(2-chlorophenyl)methylene]malononitrile. May produce an allergic reaction.

In cases of irritation to the lungs, initial treatment with cortical steroid inhalants.

If necessary oxygen respiration treatment.

Medical supervision for at least 48 hours.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
Danger of receptacles bursting because of high vapour pressure when heated.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information**
Cool endangered receptacles with water spray.
In case of fire involving large quantities, evacuate area and fight fire from from the upwind side.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTEL AT 1-800-255-3924. Spills of this material should be handled carefully. Do not subject materials to mechanical shock or extreme heat. A spill of this material will normally not require emergency response team capabilities.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Isolate area and prevent access.
- **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Pick up mechanically.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**
Use only in well ventilated areas.
Do not spray on flame or other ignition sources. No smoking.
- **Information about fire - and explosion protection:**
Keep respiratory protective device available.

(Contd. on page 5)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 4)

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurized containers.

Provide ventilation for receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:**

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

811-97-2 Norflurane

NES (Australia) Long-term value: 4240 mg/m³, 1000 ppm

WEEL (USA) Long-term value: 1000 ppm

WES (New Zealand) Long-term value: 1000 ppm

78-92-2 butanol

NES (Australia) Long-term value: 303 mg/m³, 100 ppm

PEL (USA) Long-term value: 450 mg/m³, 150 ppm

REL (USA) Short-term value: 455 mg/m³, 150 ppm

Long-term value: 305 mg/m³, 100 ppm

TLV (USA) Long-term value: 300 mg/m³, 100 ppm

WES (New Zealand) Long-term value: 303 mg/m³, 100 ppm

34590-94-8 (2-methoxymethylethoxy)propanol

NES (Australia) Long-term value: 308 mg/m³, 50 ppm
Sk

PEL (USA) Long-term value: 600 mg/m³, 100 ppm
Skin

REL (USA) Short-term value: 900 mg/m³, 150 ppm
Long-term value: 600 mg/m³, 100 ppm
Skin

TLV (USA) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
Skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

WES (New Zealand) Short-term value: 909 mg/m³, 150 ppm
Long-term value: 606 mg/m³, 100 ppm
skin

(Contd. on page 6)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 5)

PEL (USA)	Long-term value: 0.4 mg/m ³ , 0.05 ppm
REL (USA)	Peak limitation: 0.4 mg/m ³ , 0.05 ppm Skin
TLV (USA)	Peak limitation: 0.39 mg/m ³ , 0.05 ppm Skin
WES (New Zealand)	Peak limitation: 0.39 mg/m ³ , 0.05 ppm skin

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

- **Respiratory protection:**



Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Contact lenses should not be worn.



Safety glasses

- **Body protection:** Protective work clothing

- **Limitation and supervision of exposure into the environment** No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

(Contd. on page 7)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 6)

9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Aerosol
Colour:	According to product specification
· Odour:	Pungent
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Not Determined.
Boiling point/Boiling range:	Not applicable, as aerosol.
· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gaseous):	Not applicable.
· Auto/Self-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not self-igniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	
	Fully miscible.
· Partition coefficient (n-octanol/water): Not determined.	
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
Danger of receptacles bursting because of high vapour pressure when heated.
- **Possibility of hazardous reactions**
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
Reacts with strong acids and oxidizing agents.

(Contd. on page 8)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 7)

- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Danger of toxic fluorine based pyrolysis products.
Chlorine compounds

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· LD/LC50 values relevant for classification:		
5989-27-5 d-Limonene (CLP classification)		
Oral	LD50	4400 mg/kg (rat)
2698-41-1 [(2-chlorophenyl)methylene]malononitrile		
Oral	LD50	178 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:**
Sensitization possible through inhalation.
Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant
Danger through skin adsorption.
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
Toxic and/or corrosive effects may be delayed up to 24 hours.
May be harmful if inhaled.
- **Acute effects (acute toxicity, irritation and corrosivity):** Vapours have narcotic effect.
- **Sensitisation:** Sensitization possible by inhalation and/or dermal contact.
- **Repeated dose toxicity:**
May cause damage to organs through prolonged or repeated exposure.
Repeated exposures may result in skin and/or respiratory sensitivity.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**
Toxic for aquatic organisms

2698-41-1 [(2-chlorophenyl)methylene]malononitrile	
EC50	0.2-0.3 mg/kg (Oncorhynchus mykiss)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish

(Contd. on page 9)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 8)

· **Additional ecological information:**

· **General notes:**

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.


The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· UN-Number	
· DOT, ADG, IMDG, IATA	UN1950
· UN proper shipping name	
· DOT	AEROSOLS, TOXIC, TEAR GAS DEVICES, ENVIRONMENTALLY HAZARDOUS
· ADG	1950 AEROSOLS, TOXIC, TEAR GAS DEVICES, ENVIRONMENTALLY HAZARDOUS
· IMDG	AEROSOLS, AEROSOLS, TOXIC, TEAR GAS DEVICES, MARINE POLLUTANT
· IATA	AEROSOLS, TOXIC, TEAR GAS DEVICES, ENVIRONMENTALLY HAZARDOUS,
· Transport hazard class(es)	
· DOT	
	
· Class	2.2

(Contd. on page 10)

Safety Data Sheet



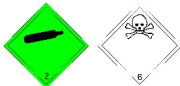
According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 9)

· Label	2.2+6.1
· ADG	
	
· Class	2.2 5T
· Label	2.2+6.1
· IMDG	
	
· Class	2.2
· Label	2.2+6.1
· IATA	
	
· Class	2.2
· Label	2.2+6.1
· Packing group	
· DOT, ADG, IMDG, IATA	Not Applicable
· Environmental hazards:	
· Marine pollutant:	Yes
	Symbol (fish and tree)
· Special marking (ADG):	Symbol (fish and tree)
· Special precautions for user	Not applicable.
· Danger code (Kemler):	26
· EMS Number:	F-D,S-U
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADG	
· Limited quantities (LQ)	120 ml
· Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· UN "Model Regulation":	UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.2 (6.1)

(Contd. on page 11)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 10)

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

78-92-2 | butanol

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65 (California):

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic Categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

2698-41-1 | [(2-chlorophenyl)methylene]malononitrile

A4

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· Canada

· Canada

· Canadian Domestic Substances List (DSL)

811-97-2 | Norflurane

5989-27-5 | d-Limonene (CLP classification)

78-92-2 | butanol

34590-94-8 | (2-methoxymethylethoxy)propanol

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

5989-27-5 | d-Limonene (CLP classification)

(Contd. on page 12)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 11)

78-92-2	butanol
34590-94-8	(2-methoxymethylethoxy)propanol

· **Australian Inventory of Chemical Substances**

CS Agent listed as chlorobenzaldehyde + propanedinitrile precursor agents.

811-97-2	Norflurane
5989-27-5	d-Limonene (CLP classification)
78-92-2	butanol
34590-94-8	(2-methoxymethylethoxy)propanol

· **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

· **HSNO Chemical Classification and Information Database (CCID)**

5989-27-5	(R)-p-mentha-1,8-diene
78-92-2	butanol
811-97-2	Norflurane
34590-94-8	(2-methoxymethylethoxy)propanol

· **New Zealand Inventory of Chemicals (NZIOC)**

All ingredients are listed.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H227 Combustible liquid.

H280 Contains gas under pressure; may explode if heated.

H301 Toxic if swallowed.

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.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

: Flammable aerosols, Hazard Category 3

(Contd. on page 13)

Safety Data Sheet

According to NOHSC and Code of Practice for Safety Data Sheets, 2011

Printing date: September 3, 2014

Revision: September 3, 2014

Trade name: MK9 CS Mace Fogger

(Contd. of page 12)

Press. Gas: Gases under pressure: Compressed gas
Flam. Liq. 3: Flammable liquids, Hazard Category 3
: Flammable liquids, Hazard Category 4
Acute Tox. 3: Acute toxicity, Hazard Category 3
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

• **Sources**

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com