



# MATERIAL SAFETY DATA SHEET

## Heart Car Air Freshener Fireworx

### 1 - IDENTIFICATION

PRODUCT NAME	Heart Car Air Freshener Fireworx
PRODUCT CODE	SH1098
APPLICATION	Car air freshener
SUPPLIER AND MANUFACTURER	Shield Chemicals (Pty) Ltd No. 9 London Road, Apex, Benoni Gauteng South Africa
CONTACT NUMBERS	T) +27-11-421-7111 F) +27-11-421-0475
O/H 07h30 – 16h30 Monday – Friday	
WEB ADDRESS	<a href="http://www.shieldchem.co.za">www.shieldchem.co.za</a>
E-MAIL ADDRESS	<a href="mailto:info@shieldchem.co.za">info@shieldchem.co.za</a>

### 2 - HAZARD IDENTIFICATION

Classification:

Toxic to aquatic life with long lasting effects

May cause an allergic skin reaction

Causes mild skin irritation

Toxic to aquatic life

GHS Label Elements:

Hazard Statements:

H316 Causes mild skin irritation

H303 May be harmful if swallowed

H411 Toxic to aquatic life with long lasting effects

H317 May cause allergic skin reaction

H401 Toxic to aquatic life

Hazard Pictograms:



Signal Word: Warning

Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P272 Contaminated work clothing should not be allowed to leave the workplace  
P273 Avoid release to the environment.  
P280 Wear protective gloves  
P302+P352 If on skin wash with plenty of water  
P312 Call a poison centre/doctor if you feel unwell  
P333+P313 If skin irritation or rash occurs: Get medical advice  
P362+P364 Take off contaminated clothing and wash before reuse  
P391 Collect spillage  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.  
Other hazards that do not result in classification: None

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	Amount
Mixture of substances listed below with nonhazardous additions		
2-methoxymethylethoxy propanol	34590-94-8	66.6%
Diethyl phthalate	84-66-2	15%
Seveniff	18479-58-8	7%
A mixture of (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one	34902-57-3	6%
Bergamol	115-95-7	1.9%
2-(4-tert-Butylbenzyl)propionaldehyde	115-95-7	3.5%

### 4 - FIRST AID MEASURES

INHALATION	Move to fresh air. If symptoms persist seek medical advice.
INGESTION	If symptoms persist seek medical attention.
SKIN CONTACT	Immediately wash skin with soap and water. Remove contaminated clothing
EYE CONTACT	Flush eye with copious amounts of water for 15 minutes. Seek medical attention.

### 5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use water, carbon dioxide or dry powder extinguishers. Fight larger fires with water spray or alcohol resistant foam.
SPECIFIC HAZARDS	No known hazardous decomposition components
PROTECTIVE EQUIPMENT	Standard safety equipment

### 6 - ACCIDENTAL RELEASE MEASURES

METHOD OF CONTAINMENT	Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.
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PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT	Wear protective equipment
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## 7 - HANDLING AND STORAGE

HANDLING	Ensure good ventilation and exhaustion at the workplace. Prevent formation of aerosols
STORAGE	No special requirements

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION	Not required under normal conditions of use.
HAND PROTECTION	For prolonged use, make use of protective gloves that are resistant to chemicals
SKIN PROTECTION	Not Applicable Protective overalls may be worn
INHALATION	Not Applicable
HYGIENE MEASURES	Keep away from foodstuffs. Avoid contact with eyes and skin

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid, black
ODOUR	Fireworx
ODOUR THRESHOLD	No information available
pH	Not applicable
MELTING POINT/FREEZING POINT	No information available
INITIAL BOILING POINT AND BOILING RANGE	No information available
FLASH POINT	96°C
EVAPORATION RATE	No information available
FLAMMABILITY	No information available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No information available
VAPOUR PRESSURE	No information available
VAPOUR DENSITY	No information available
RELATIVE DENSITY	No information available
WATER SOLUBILITY	No information available
PARTITION COEFFICIENT: n-octanol/water	No information available
AUTO-IGNITION TEMPERATURE	No information available
DECOMPOSITION TEMPERATURE	No information available
VISCOSITY	No information available

## 10 – STABILITY AND REACTIVITY

REACTIVITY	None under normal use
STABILITY	Stable under normal use
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal use
CONDITIONS TO AVOID	None under normal use
INCOMPATIBLE MATERIALS	Not applicable under normal conditions of use
HAZARDOUS DECOMPOSITION PRODUCTS	There are no known hazardous decomposition products.

**11 - TOXICOLOGICAL INFORMATION**

## INFORMATION ON TOXICOLOGICAL EFFECTS

**LD/LC50 values relevant for classification:****34590-94-8 (2-methoxymethylethoxy)propanol**

Oral LD50 5,135 mg/kg (rat)

Dermal LD50 &gt;19,000 mg/kg (rab)

**84-66-2 diethyl phthalate**

Oral LD50 8,600 mg/kg (rat)

## INFORMATION ON LIKELY ROUTES OF EXPOSURE

INHALATION No known effect

INGESTION No known effect

SKIN CONTACT No known effect

EYE CONTACT No known effect

## DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE

ACUTE TOXICITY No known effect

SKIN CORROSION/IRRITATION No irritant effect

SERIOUS EYE DAMAGE/IRRITATION No irritant effect

RESPIRATORY AND SKIN SENSITISATION Sensitization possible through skin contact

GERM CELL MUTAGENICITY No known effect

CARCINOGENICITY No known effect

REPRODUCTIVE TOXICITY No known effect

STOT – SINGLE EXPOSURE No known effect

STOT – REPEATED EXPOSURE No known effect

ASPIRATION HAZARDS No known effect

**12 - ECOLOGICAL INFORMATION**

ECOTOXICITY Toxic for fish

PERSISTANCE AND DEGRADABILITY No information available

BIOACCUMULATIVE POTENTIAL No information available

MOBILITY IN SOIL No information available

OTHER ADVERSE EFFECTS Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground

**13 - DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**14 - TRANSPORT INFORMATION**

UN NUMBER UN3082

PROPER SHIPPING NAME Environmentally hazardous substance, liquid, N.O.S.

TRANSPORT HAZARD CLASS 9

PACKING GROUP III

ENVIRONMENTAL HAZARDS Product is environmentally hazardous

SPECIAL PRECAUTIONS FOR USER Miscellaneous dangerous substances and articles.

**15 - REGULATORY INFORMATION**

No information available

**16 - OTHER INFORMATION**

This materials safety data sheet has been compiled according to SANS 10234:2008, and provides the best advice under our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

*DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.*

**END OF SDS**