



## MATERIAL SAFETY DATA SHEET

### Heart Car Air Freshener Forest Fantasy

#### 1 - IDENTIFICATION

PRODUCT NAME	Heart Car Air Freshener Forest Fantasy
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:

Flammable Solid

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:

H228 Flammable Solid

H316 Causes mild skin irritation

H317 May cause an allergic skin reaction

H411 Toxic to aquatic life with long lasting effects

Hazard Pictograms:



Signal Word: Danger

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.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ventilating/lighting equipment  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P272 Contaminated work clothing should not be allowed out of work space  
P273 Avoid release to the environment.  
P280 Wear protective gloves / eye protection / face protection.  
P302+P352 If on skin: Wash with plenty of water  
P333+P313 If skin irritation or rash occurs: Get medical advice  
P370+P378 In case of fire: Use to extinguish: CO2, powder or water spray  
P362+P364 Take off contaminated clothing and wash it before use  
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%
Isobornyl acetate	125-12-2	12%
a-Hexylcinnamate	101-86-0	7%
dipentene	138-86-3	6%

### 4 - FIRST AID MEASURES

INHALATION	Move to fresh air. If symptoms persist seek medical advice.
INGESTION	If symptoms persist seek medical attention.
SKIN CONTACT	Generally product does not irritate skin. If irritation occurs immediately wash skin with soap and water.
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.
PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT	Wear protective equipment

**7 - HANDLING AND STORAGE**

HANDLING	No special precautions are necessary if used correctly. Keep ignition sources away – do not smoke.
STORAGE	Keep container tightly sealed

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION	Not required under normal conditions of use.
HAND PROTECTION	Not required under normal conditions of use. 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, green
ODOUR	Forest fantasy
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	81°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	
<b>LD/LC50 values relevant for classification:</b>	
<b>34590-94-8 (2-methoxymethylethoxy)propanol</b>	
Oral LD50 5,135 mg/kg (rat)	
Dermal LD50 >19,000 mg/kg (rab)	
<b>125-12-2 Isobornyl acetate</b>	
Oral LD50 10,000 mg/kg (rat)	
Dermal LD50 20,000 mg/kg (rabbit)	
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	No known effect
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	UN1325
PROPER SHIPPING NAME	Flammable Solid Organic N.O.S.
TRANSPORT HAZARD CLASS	4.1
PACKING GROUP	II
ENVIRONMENTAL HAZARDS	Not applicable
SPECIAL PRECAUTIONS FOR USER	Warning: Flammable solids, self-reactive substances and solid desensitized explosives

**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**