



MATERIAL SAFETY DATA SHEET

Heart Car Air Freshener Vanilla Pineapple

1 - IDENTIFICATION

PRODUCT NAME	Heart Car Air Freshener Vanilla Pineapple
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	
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2 - HAZARD IDENTIFICATION

Classification:

Flammable Solid

GHS Label Elements:

Hazard Statements:

H228 Flammable Solid

H412 Harmful 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

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P370+P378 In case of fire: Use to extinguish: CO2, powder or water spray
 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%
Dorysil	32210-23-4	10%
Beldox	88-41-5	10%
Isobornyl acetate	125-12-2	8%
Benteine	140-11-4	5.4%

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, yellow
ODOUR	Vanilla Pineapple
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	82°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 >19,000 mg/kg (rab)

32210-23-4 Dorysil

Oral LD50 5,000 mg/kg (rat)

125-12-2 Isobornyl acetate

Oral LD50 10,000 mg/kg (rat)

Dermal LD50 20,000 mg/kg (rabbit)

140-11-4 Benteine

Oral LD50 2,490 mg/kg (rat) Dermal LD50 >5,000 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	Harmful to 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 EMS number F-A, S-G

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.

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