

# SHIELD CHEMICALS (PTY) LTD



## MATERIAL SAFETY DATA SHEET

### GEL AIR FRESHENER APPLE

#### 1 - IDENTIFICATION OF THE PRODUCT AND COMPANY

PRODUCT NAME	Gel Air Freshener Apple
PRODUCT CODE	SH 398
APPLICATION	Freshens and fragrances living areas
SUPPLIER	Shield Chemicals (Pty) Ltd No. 9 London Road, Apex, Benoni Gauteng South Africa
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O/H 07h30 – 17h00 Monday – Friday	
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#### 2 - HAZARDS IDENTIFICATION

Essentially non hazardous

#### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	Amount	EC No.
Triethyl citrate	77-93-0	1-1.3%	201-070-7
Alcohol	64-17-5	1-3%	200-578-6
Perfume	/	2-6%	/
Triethyl phosphate	78-10-0	0.1%	201-114-5
Antiseptic Agent	26172-65-4	0.3%	247-500-7
Tween 80	9005-65-6	0.7%	500-019-9

#### 4 - FIRST AID MEASURES

INHALATION	If breathing is difficult, give oxygen, seek medical attention.
INGESTION	If victim is conscious, wash out mouth with water. Seek medical attention immediately.
SKIN CONTACT	Wash skin with soap and copious amounts of water. If irritation persists, seek medical attention.
EYE CONTACT	Make sure to remove any contact lenses from the eyes before rinsing. Rinse thoroughly with plenty of water for 15 minutes. If irritation persists, seek medical attention.

#### 5 - FIRE-FIGHTING MEASURES

CLASSIFICATION	Non flammable, but may burn in the case of fire
EXTINGUISHING MEDIA	Water spray, alcohol-resistant foam, carbon dioxide or dry powder extinguishers.
EXPOSURE HAZARDS	Combustion may evolve hazardous gasses.
PROTECTIVE EQUIPMENT	Standard safety equipment Fire fighters should wear self-contained breathing apparatus and suitable personal protective equipment.

#### 6 - ACCIDENTAL RELEASE MEASURES

Method of disposal	Mix with inert material (e.g. Dry sand) and transfer to sealed container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete
Personal Protection	Wear gloves and eye/face protection. Wear gloves, goggles and respiratory protection.

7 - HANDLING AND STORAGE	
HANDLING	Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Incompatibilities: Alkali metals, ammonia, peroxides, strong bases, heavy metal salts, strong oxidizing agents.
STORAGE	Store upright in original closed containers. Keep away from heat or sources of ignition. Keep away from oxidizing or flammable materials. Store in a cool, dry well-ventilated area away from incompatible substances.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION	
EYE PROTECTION	Chemical safety goggles
HAND PROTECTION	Safety gloves
SKIN PROTECTION	Protective overalls may be worn
INHALATION	Government approved respirator if necessary
ENGINEERING MEASURES	Mechanical exhaust required. Safety shower and eyewash station.



9 - PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE	Plastic container containing gel
COLOUR	Green
ODOUR	Apple Fragrance
MELTING POINT	> 100°C fusion
SOLUBILITY	Slightly soluble in water
PH	6.7 (25°C, 50.0g/L)

10 - STABILITY AND REACTIVITY	
STABILITY	Stable under normal temperatures and pressures
MATERIALS TO AVOID	Alkali metals, ammonia, peroxides, strong bases, heavy metal salts, strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides, phosphorus oxides, sulphur oxides, chlorine oxides.

11 - TOXICOLOGICAL INFORMATION	
TOXICITY DATA	Triethyl citrate: Rat Oral LD50 5900 mg/Kg, Rat inhalation LC50 1300ppm/6H, Rabbit skin LD50 >5gm/Kg. Alcohol: Rat Oral LD50 7060 mg/Kg, Rat Inhalation LC50 20000 ppm/10H Tween 80: Rat Oral LD50 34500 uL/Kg, Mouse oral LD50 25000 mg/Kg Triethyl phosphate: Rat oral LD50 1311 mg/Kg
IRRITATION DATA	May cause irritation to eyes, skin and respiratory system
SENSITIZATION	May cause skin sensitization

12 - ECOLOGICAL INFORMATION	
ECOTOXICITY	Alcohol: Toxicity to fish LC50 – Oncorhynchus mykiss (rainbow trout) – 13000 mg/L – 96 h LC50 – Oncorhynchus mykiss (rainbow trout) – 10400 mg/L – 96 h LC50 Pimephales promelas (fathead minnow) – 15300 mg/L – 96 h Triethyl phosphate: Toxicity to fish LC50 Pimephales promelas (fathead minnow) - > 1000 mg/L – 96 h Toxicity to daphnia and other aquatic invertebrates EC50 – Daphnia – 330 mg/l – 96 h

13 - DISPOSAL CONSIDERATIONS	
DISPOSAL METHODS	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a

	combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal and local government regulations.
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#### 14 - TRANSPORT INFORMATION

DOT	This substance is considered to be non-hazardous for transport
RID/ADR	This substance is considered to be non-hazardous for transport
IATA	This substance is considered to be non-hazardous for air transport
IMO	This substance is considered to be non-hazardous for sea transport

#### 15 - REGULATORY INFORMATION

Safety Phrases	S2	Keep out of reach of children
	S24	Avoid contact with the skin
	S25	Avoid contact with the eyes
	S26	In case of contact with eyes, rinse with water and seek medical advice.

#### 16 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SABS 1104-1 and SABS 0265, 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.*