

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

58065

18/01/07

GOOD SENSE VERT 01b AIR FRESHNER

1. IDENTIFICATION OF CHEMICAL

Name of product: Good Sense Vert

Stock code: 58065

Applications: Air freshener

Manufacturer: JohnsonDiversey UK Ltd
Weston Favell Centre,
Northampton,
NN3 8PD
Tel 01604 405311 Fax 01604 406809
Out of hours emergencies 01604 401273

Distributor: John Astley & Sons Ltd,
Renown Avenue,
Coventry Business Park,
Coventry, CV5 6UF
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

2. COMPOSITION

Hazardous ingredients: Name	EINECS No.	CAS-No.	Content	Classification *
1,3,4,6,7,8-Hexahydro-4, 6,6,7,8,8-hexamethylindeno [5,6-c] pyran	214-946-9	1222-05-5	<5%	N: R50/53
Alpha-hexylcinnamaldehyde	202-983-3	101-86-0	<5%	Xi: R43
2-(4-tert-butylbenzyl) propionaldehyde	201-289-8	80-54-6	<5%	Xn: R22-43
1'-acetonephthone	213-384-1	941-98-0	<5%	Xn; R22-52/53
Acetyl hexamethyl tetralin	216-133-4	1506-02-1	<5%	Xn, N: R22-50/53
Allyl heptanoate	205-527-1	142-19-8	<5%	Xn, N: R21/22-38-50/53
d-limonene	227-813-5	5989-27-5	<5%	Xi, N: R10-38-43-50/53

* The full text for all Risk phrases is shown in section 16

3. HAZARDS IDENTIFICATION

Hazards: Extremely flammable.
Irritant - May cause sensitisation by skin contact.
Contains 2-(4-tert-butylbenzyl) propionaldehyde, alpha-hexylcinnamaldehyde.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Eye contact: Rinse immediately with plenty of water, holding the eyelids open and seek medical advice if effects persist.

Inhalation: Remove from source of exposure. Seek medical advice if effects persist.

Skin contact: Wash thoroughly with soap and water.

Ingestion: Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.

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5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, water spray, foam, carbon dioxide.

Special Fire

Fighting Procedures: FLAMMABLE AEROSOL - In the event of a fire there is a severe risk of explosion and flash, aerosols stored in quantities likely to present a hazard should be cooled with water or water spray if this can be done without risk to fire fighting personnel. May evolve harmful and noxious fumes if involved in a fire. Fire fighters should wear self-contained breathing apparatus.

Unusual Fire &

Explosion Hazards: Carbon oxides may be formed. Aerosol product: - Containers may explode.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Accidental release would not normally occur with aerosols. However, if a can or cans are leaking, ensure good ventilation and all sources of ignition are removed.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Do not mix with any other chemicals. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Do not use near naked flames, incandescent surfaces or other sources of ignition. Protect against electrostatic charges.

Storage: Pressurised container. Protect from sunlight. Do not expose to temperatures exceeding 50°C. Store upright in original closed containers in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection: Personal protection is not normally required unless a risk assessment indicates the need for it.

WEL:

HSE publication EH40:	Dimethyl Ether:	W.E.L. 958 mg/cu.m 15 min ref time
		W.E.L. 766 mg/cu.m 8 hour TWA
	Ethanol, (Methylated Spirits), (I.M.S):	W.E.L. 1920 mg/cu.m 8 hour TWA
	Diethyl phthalate:	W.E.L. 10 mg/cu.m 15 min ref time
		W.E.L. 5 mg/cu.m 8 hour TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aerosol
Flammability: Flammable
Odour: Perfumed
Solubility: Fully miscible in water
Flash Point: N/A, as aerosol
Explosive properties: Product is not explosive

10. STABILITY AND REACTIVITY

Stability: The product is stable.

Conditions To Avoid: Keep away from heat.

Hazardous

Decomposition products: Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

GOOD SENSE VERT 01b AIR FRESHNER**11. TOXICOLOGICAL INFORMATION**

Eyes:	Direct contact can damage the eye by freezing
Skin:	Direct contact can damage skin by freezing. Irritant - May cause sensitisation.
Inhalation:	Inhalation and ingestion may produce general narcotic effects such as central nervous system depression, drowsiness, dizziness, disorientation, behavioural changes and hypotension
Ingestion:	Inhalation and ingestion may produce general narcotic effects such as central nervous system depression, drowsiness, dizziness, disorientation, behavioural changes and hypotension

12. ECOLOGICAL INFORMATION

Environmental hazards:	Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. The classification of the product is due to the component(s) listed in section 2 with an environmental classification (R50-R53). Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 1-10mg/L. The information in this section refers to the undiluted product.
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13. DISPOSAL CONSIDERATIONS

Disposal:	This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. Do not puncture or throw into a fire, even when empty. For disposal of unused or part used containers, contact a licensed waste management company.
European waste Catalogue 16 05 04.	Gases in containers (including halons) containing dangerous substances.

14. TRANSPORT INFORMATION

EEC Regulation:	F, FLAMMABLE GAS, Aerosols, UN1950, Class 2.1, Hazchem - None
IMDG/UN:	Aerosols, UN 1950, Class 2, PG – None. According to special provision 190, aerosols with a capacity not exceeding 50ml containing only non-toxic constituents are not subject to the provisions of the IMDG code.
RID/ADR:	Class 2, Item 5F. According to special provision 190, aerosols with a capacity not exceeding 50ml containing only non-toxic constituents are not subject to the provisions of ADR.
ICAO/IATA:	Passenger Aircraft: 203, Y203 Cargo Aircraft: 203

15. REGULATORY INFORMATION

Hazard symbol:	F+, Xi N,	Extremely Flammable & Irritant Dangerous for the environment Ingredients responsible for the classification: 2-(4-tert-butylbenzyl) propionaldehyde, alpha-hexylcinnamaldehyde.
Risk phrases:	R-12 R-43 R-52/53	Extremely flammable May cause sensitization by skin contact. Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.
Safety phrases:	S-9 S-24 S-37 S-61	Keep container in a well-ventilated place. Avoid contact with skin. Wear suitable gloves. Avoid release to the environment. Refer to special instructions / safety data sheets

GOOD SENSE VERT 01b AIR FRESHNER**16. OTHER INFORMATION**

Handle and apply only as recommended, for full information see product information sheet.

Text of risk phrases**Listed in section 2**

R-10	Flammable.
R-21/22	Harmful by contact with skin and if swallowed.
R-22	Harmful if swallowed.
R-38	Irritating to skin.
R-43	May cause sensitization by skin contact.
R-50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Use only as directed. Pressurized container: protect from sunlight and do not expose to temperatures in excess of 50°C. Do not pierce or burn, even after use. Do not spray on naked flames or on incandescent material. Keep away from sources of ignition. No smoking.

Intentional misuse by deliberate concentration and inhalation can be harmful or fatal.

DISCLAIMER

This information relates only to the specific material designated. Such information is, to the best of our 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 users responsibility to satisfy himself as to the suitability of such information for his own particular use.

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