

SAFETY DATA SHEET

Product Name:	BOWER CHERRY STEARATE GEL BULK	SDS Reference	AM06
Version No. 1	Initial issue date June 1 st , 2015	Revision date	

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier	BOWER CHERRY STEARATE GEL BULK (Cherry)		
1.2 Relevant Use(s)/misuse(s)	Air freshener. Fitted into electric air freshener system		
1.3 SDS Supplier	Bower Products Ltd Unit 31, Abbey Industrial Estate, Woodside End, Wembley Middlesex HA0 1ZD	Telephone: 020 8903 0983	
Web site:	www.bower.co.uk		
1.4 Emergency Telephone	020 8903 0983 (Office hours)		

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Aquatic Chronic 3 H412

2.1.2 Additional information

See section 16 for full text of Hazard statements

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Signal word

Pictogram(s): NONE NONE

Hazard statement(s) H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Precautionary statement(s) P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. .
P312 CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.
P501 DISPOSE OF CONTENTS/CONTAINER TO HAZARDOUS OR SPECIAL WASTE COLLECTION SITE IN ACCORDANCE WITH LOCAL / REGIONAL / NATIONAL OR INTERNATIONAL REGULATIONS

2.3 OTHER HAZARDS

THE PREPARATION CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT (WEL)

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER BENZALDEHYDE	34590-94-8	252-104-2	Not classified WEL assigned Acute Tox. 4 H302	35-45% 1-2%
DIETHYL MALONATE	105-53-3	203-305-9	Eye Irrit. 2 H319	1-2%
2-TERT-BUTYLCYCLOHEXYL ACETATE	88-41-5	201-828-7	Aquatic Chronic 3 H411	1-2%
(R)-P-MENTHA-1,8-DIENE	5989-27-5	227-813-5	Flam. Liq. 3 H226; Skin Irrit. 2 H315; Skin Sens. 1 H317; Aquatic Acute 1 H400; Aquatic Chronic 1 H410	<1%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Remove casualty to fresh air; ensure rest and warmth. Seek medical advice.
Skin contact	Clean areas affected with soap and plenty of water. Remove contaminated clothing, to be washed thoroughly before re-using.
Eye contact	Wash out eye thoroughly with plenty of water until irritation subsides. Consult an eye specialist/ophthalmologist.
Ingestion	If product is swallowed, do NOT induce vomiting. If conscious, give plenty of water. If necessary, seek medical advice.

4.2 Most important effects/symptoms None known.

4.3 Immediate/special treatment Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water spray, foam, carbon dioxide, dry powder)
5.2 Special hazards	Non combustible, non flammable. Carbon and metal oxides may be released in a fire.
5.3 Advice for fire fighters	Wear self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Avoid generation of dust. Use suitable protective equipment.
6.2 Environmental precautions	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Avoid dry sweeping; use water spraying or vacuum cleaning systems to prevent airborne dust generation. Label container and dispose of as prescribed
6.4 Reference to other sections	See section 8 for personal protective equipment.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice. Avoid generation of dust.
7.2 Conditions for safe storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials
7.3. Specific end use(s)	See 1.2

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	Occupational Exposure Limits (WELs) have been assigned (EH40/2011). LTEL (8hr TWA) 50 ppm 308 mg/m ³ Data for dipropylene glycol monomethyl ether ^{Sk} ^{Sk} Can be absorbed through skin
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation of vapour and dust. Wash hands before breaks and after work. Those with a history of sensitisation should take appropriate protective measures Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if risk of eye contamination.
Skin protection	Chemical-resistant, impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator if ventilation is insufficient

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Solid
Colour	Dark green
Odour	Characteristic
Odour threshold	Not determined
pH	Not determined
Boiling pt / range	Not applicable
Melting pt / range	Not determined
Flash point	Not determined
Auto-Ignition Temperature	Not applicable)
Flammability	Not applicable
Explosive Limit	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available
Relative density	Not determined
Water solubility	Not determined

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9. PHYSICAL AND CHEMICAL PROPERTIES

Log P	No data available
Viscosity	No data available
Vapour density	Not applicable
Vapour pressure	Not applicable
Evaporation Rate	No data available
9.2 Other information	None

10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerisation will not occur
10.2 Chemical stability	Stable under normal conditions of handling.
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known
10.5 Incompatible material	None known
10.6 Hazardous decomposition products	Under normal conditions, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	5.4 ml/kg	Data for dipropylene glycol monomethyl ether
	LD ₅₀ rabbit (derm)	10 ml/kg	Data for dipropylene glycol monomethyl ether
	LD ₅₀ rabbit (derm)	>16 ml/kg	Data for Diethyl malonate
	LD ₅₀ rat (oral)	ca. 2000 mg/kg	Data for benzaldehyde
Dermal compatibility	No data available. May cause skin sensitisation.		
Mucous membrane compatibility	No data available.		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀	Fish (rainbow trout)	ca. 12 mg/l	Data for benzaldehyde (96hr)
12.2 Degradability	No data available			
12.3 Bioaccumulative potential	No data available			
12.4 Mobility in soil	Not determined			
12.5 PBT/vPvB assessment	Not determined			
12.6 Other adverse effects	None known.			

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product: if possible wash thoroughly and recycle.

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14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	Not classified
14.2 Proper shipping name (ADR, IMDG, IATA)	Not classified
14.3 Transport class(s) (ADR, IMDG, IATA)	Not classified
14.4 Packing group (ADR, IMDG, IATA)	Not classified
14.5 Environmental hazards (ADR, IMDG, IATA)	The product should not be marked as a marine pollutant.
14.6 Special procedures (ADR, IMDG, IATA)	Not applicable
14.7 Transport in bulk (ADR, IMDG, IATA)	Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in accordance with EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	Not applicable

16. OTHER INFORMATION

Further information

Hazard statements referred to in section 2/3

H226: Flammable liquid and vapour
H302: Harmful if swallowed
H315: Causes skin irritation.
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects,
H412: Harmful to aquatic life with long lasting effects

Sources of data Other suppliers' safety data sheets, EH40/2011

Date of issue 01-06-2015

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.