SAFETY DATA SHEET



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation JetScent® Air Freshener - Antica/Alaska (Clear)

of the mixture

Registration number -

Synonyms None.

Part Number LS-6800/AS series, (Formula: LB-6800/AS)

Issue date 12-January-2023

Version number 01

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Air Freshener & Deodorizer

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name Celeste Industries

Address 400 Thames Valley Park Drive

Reading

Berkshire, RG6 1PT, England

Telephone +44 (0) 1189 637930

Manufacturer

Company name Celeste Industries Corporation

Address 8007 Industrial Park Rd

Easton, Maryland 21601 (USA)

Telephone +1-410-822-5775
Email info@celestecorp.com

In Case of Emergency CHEMTREC (24 hours) within USA and CANADA 1-800-424-9300

Outside USA and Canada (collect call accepted) 1-703-527-3883

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Serious eye damage/eye irritation Category 1 H318 - Causes serious eye

damage.

Environmental hazards

Hazardous to the aquatic environment, Category 3 H412 - Harmful to aquatic life with

long-term aquatic hazard long lasting effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Alcohols, C9-11, branched and linear, ethoxylated

Hazard pictograms

Signal word Danger

Hazard statements

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P273 Avoid release to the environment.

Material name: JetScent® Air Freshener - Antica/Alaska (Clear)

LS-6800/AS series, (Formula: LB-6800/AS) Version #: 01 Issue date: 12-January-2023

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P280 Wear eye protection/face protection.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present P305 + P351 + P338

and easy to do. Continue rinsing.

Immediately call a POISON CENTRE/doctor. P310

Not assigned. Storage Not assigned. Disposal

14.28 % of the mixture consists of component(s) of unknown acute dermal toxicity. 6.44 % of the Supplemental label information

mixture consists of component(s) of unknown acute inhalation toxicity. 6.44 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment, 6.44 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. EUH208 - Contains Linalyl Acetate, Hexylcinnamaldehyde, (R)-p-Mentha-1,8-diene, Tetramethyl

Acetyloctahydronaphthalenes, Citral, Geraniol, Linalool. May produce an allergic reaction.

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation 2.3. Other hazards

(EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

Mixture

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Alcohols, C9-11, branched a ethoxylated	nd linear, 1 - 5	68439-46-3 -	-	-	
Class	ification: Acute Tox	4;H302, Eye Dam. 1	;H318, Aquatic Chronic 3;H	112	
1,3,4,6,7,8-hexahydro-4,6,6, amethylindeno[5,6-c]pyran	7,8,8-hex 0.68	1222-05-5 214-946-9	-	603-212-00-7	
Class	ification: Aquatic Ad	cute 1;H400, Aquatic	Chronic 1;H410		
1-Propanaminium, 3,3',3"-[phosphinylidynetris(o -(3-aminopropyl)-2-hydroxy-N hyl-, N,N',N"-tri-C6-18 acyl do trichlorides	N,N-dimet	83682-78-4 280-518-3	-	-	
Class	ification: Eye Dam.	1;H318, Aquatic Acu	e 1;H400, Aquatic Chronic 2	2;H411	
(R)-p-Mentha-1,8-diene	0.45	5989-27-5 227-813-5	-	601-029-00-7	
Class	ification: Flam. Liq. 1;H400, A	3;H226, Skin Irrit. 2;F quatic Chronic 1;H41	1315, Skin Sens. 1;H317, Ad)	quatic Acute	
Hexylcinnamaldehyde	0.45	101-86-0 202-983-3	-	-	
Class	ification: Skin Sens	. 1B;H317, Aquatic A	cute 1;H400, Aquatic Chroni	c 2;H411	
Linalyl Acetate	0.45	115-95-7 204-116-4	-	-	
Class	ification: Skin Irrit. 2	2;H315, Eye Irrit. 2;H3	19, Skin Sens. 1B;H317		
Citral	0.23	5392-40-5 226-394-6	-	605-019-00-3	
Class	ification: Skin Irrit. 2	2;H315, Eye Irrit. 2;H3	319, Skin Sens. 1;H317		
Geraniol	0.23	106-24-1 203-377-1	-	603-241-00-5	
Class	ification: Skin Irrit. 2	2;H315, Eye Dam. 1;H	l318, Skin Sens. 1;H317		
Linalool	0.23	78-70-6 201-134-4	-	603-235-00-2	
Classi	ification: Skin Irrit. 2	2;H315, Eye Irrit. 2;H3	19, Skin Sens. 1B;H317		
Tetramethyl Acetyloctahydronaphthalene	0.23 s	54464-57-2 259-174-3	-	-	
Class	ification: Skin Irrit. 2 Chronic 1;	2;H315, Skin Sens. 1l H410	3;H317, Aquatic Acute 1;H40	00, Aquatic	

List of abbreviations and symbols that may be used above

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Wash off with soap and water. Get medical attention if irritation develops and persists. Skin contact

Immediately flush eves with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and

delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not get this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS)

Air Freshener & Deodorizer 7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Material name: JetScent® Air Freshener - Antica/Alaska (Clear) SDS GREAT BRITAIN LS-6800/AS series, (Formula: LB-6800/AS) Version #: 01 Issue date: 12-January-2023 3/9

Occupational exposure limits

UK. EH40 Workplace Exposure Limits (WELs)					
Components	Type	Value	Form		
Propane-1,2-diol (CAS 57-55-6)	TWA	474 mg/m3	Total vapour and particulates.		
		10 mg/m3	Particulate.		
		150 ppm	Total vapour and particulates.		

No biological exposure limits noted for the ingredient(s). **Biological limit values**

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no effect levels

(DNELs)

Predicted no effect

concentrations (PNECs)

Not available.

Not available.

8.2. Exposure controls

Appropriate engineering

controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protection equipment should be chosen

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield. Eye protection should meet

standard EN 166.

Skin protection

Wear appropriate chemical resistant gloves. Wear suitable gloves tested to EN374. - Hand protection

- Other Wear suitable protective clothing.

In case of insufficient ventilation, wear suitable respiratory equipment. Follow guidance on Respiratory protection

selection, use, care and maintenance in accordance with EN 529.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Always observe good personal hygiene measures, such as washing after handling the material Hygiene measures

and before eating, drinking, and/or smoking. Routinely wash work clothing and protective

equipment to remove contaminants.

Environmental exposure

controls

Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable

levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Odour threshold

Physical state Liquid. Not available. **Form** Colourless. Colour Odour Characteristic.

Property has not been measured.

Melting point/freezing point 0 °C (32 °F)

Initial boiling point and boiling

100 °C (212 °F) estimated

Not available.

range

Non-flammable. Flash point **Evaporation rate** Not available. Flammability (solid, gas) Non-flammable.

Upper/lower flammability or explosive limits Non-flammable.

Explosive limit - lower (%) Explosive limit - upper Non-flammable.

(%)

Vapour pressure Property has not been measured. Vapour density Property has not been measured.

Relative density 0.95 - 1.05

Solubility(ies)

Solubility (water) Soluble in water. Partition coefficient Not applicable.

(n-octanol/water)

Auto-ignition temperature Not applicable. **Decomposition temperature** Not applicable. Not available. **Viscosity Explosive properties** Not explosive. Oxidising properties Not oxidising.

9.2. Other information

Kinematic viscosity Property has not been measured.

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions. 10.2. Chemical stability

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Not available.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous No hazardous decomposition products are known.

decomposition products

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Eye contact Causes serious eye damage.

The product contains a small amount of sensitizing substance which may provoke an allergic Skin contact

reaction among sensitive individuals in contact with skin.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred **Symptoms**

vision. Permanent eye damage including blindness could result.

11.1. Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Product Species Test Results

JetScent® Air Freshener - Antica/Alaska (Clear)

Acute Oral

ATEmix 11000 mg/kg

Components **Species Test Results**

(R)-p-Mentha-1,8-diene (CAS 5989-27-5)

Acute Oral

LD50 Rat > 2000 mg/kg

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (CAS 1222-05-5)

<u>Acute</u>

Dermal

LD50 Rabbit > 5000 mg/kg

Oral

Rat > 4600 mg/kg LD50

Alcohols, C9-11, branched and linear, ethoxylated (CAS 68439-46-3)

Acute

Dermal

LD50 Rabbit 2000 mg/kg, 24 Hours

Material name: JetScent® Air Freshener - Antica/Alaska (Clear)

SDS GREAT BRITAIN

Components Species **Test Results** Inhalation Vapour LC50 Rat > 100 mg/m3, 6 Hours Citral (CAS 5392-40-5) Acute **Dermal** LD50 Rabbit 2300 mg/kg Oral LD50 Rat 5000 ma/ka Geraniol (CAS 106-24-1) **Acute** Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat 3600 mg/kg Hexylcinnamaldehyde (CAS 101-86-0) **Acute** Oral LD50 Rat 3100 mg/kg Linalool (CAS 78-70-6) Acute **Dermal** LD50 Rabbit 2000 mg/kg Oral LD50 Rat 2800 mg/kg Linalyl Acetate (CAS 115-95-7) Acute **Dermal** LD50 Rabbit > 5000 mg/kg Oral LD50 Rat > 9000 mg/kg Skin corrosion/irritation Due to partial or complete lack of data the classification is not possible. Serious eve damage/eve Causes serious eye damage. irritation Respiratory sensitisation Due to partial or complete lack of data the classification is not possible. Skin sensitisation Due to partial or complete lack of data the classification is not possible. However: The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin. Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible. Carcinogenicity Due to partial or complete lack of data the classification is not possible. Reproductive toxicity Due to partial or complete lack of data the classification is not possible. Due to partial or complete lack of data the classification is not possible. Specific target organ toxicity single exposure Due to partial or complete lack of data the classification is not possible. Specific target organ toxicity repeated exposure Due to partial or complete lack of data the classification is not possible. Aspiration hazard No information available. Mixture versus substance information **SECTION 12: Ecological information** 12.1. Toxicity Harmful to aquatic life with long lasting effects. Components **Species Test Results** (R)-p-Mentha-1,8-diene (CAS 5989-27-5) **Aquatic**

Water flea (Daphnia pulex)

Acute Crustacea

69.6 mg/l, 48 hours

EC50

Components Species **Test Results**

Fish LC50 Fathead minnow (Pimephales promelas) >= 0.619 - <= 0.796 mg/l, 96 hours

Alcohols, C9-11, branched and linear, ethoxylated (CAS 68439-46-3)

Aquatic

Acute

Crustacea EC50 Water flea (Daphnia magna) >= 2.9 - <= 8.5 mg/l. 48 hours Fish LC50 Fathead minnow (Pimephales promelas) >= 6 - <= 12 mg/l. 96 hours

Geraniol (CAS 106-24-1)

Aquatic Acute

Fish LC50 Brown trout (Salmo trutta) >= 2.3 - <= 3 mg/l, 96 hours

12.2. Persistence and

No data is available on the degradability of any ingredients in the mixture.

degradability

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

> (R)-p-Mentha-1,8-diene 4.57 Citral 3.45 Geraniol 3.56 Linalool 2.97 Linalyl Acetate 3.93

Bioconcentration factor (BCF) Not available. 12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB

assessment

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII.

12.6. Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

. Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

The Waste code should be assigned in discussion between the user, the producer and the waste EU waste code

disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. **Special precautions**

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

Code

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC This product is not intended to be transported in bulk.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Retained direct EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

(R)-p-Mentha-1,8-diene (CAS 5989-27-5)

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (CAS 1222-05-5)

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

15.2. Chemical safety

No Chemical Safety Assessment has been carried out.

assessment

SECTION 16: Other information

List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstract Service.

CEN: European Committee for Standardization. IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent. bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit. TWA: Time Weighted Average.

vPvB: Very persistent and very bioaccumulative.

References ECHA registered substances database

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

Revision information

None

Training information Disclaimer

Follow training instructions when handling this material.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Material name: JetScent® Air Freshener - Antica/Alaska (Clear)

LS-6800/AS series, (Formula: LB-6800/AS) Version #: 01 Issue date: 12-January-2023

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