Sani-Com Towelette (Single Use)

Boeing Distribution Australia Pty Ltd

Part Number: **SC-3205 Series**
Version No: **2.5**
Safety Data Sheet according to Work Health and Safety Regulations (Hazardous Chemicals) 2023 and ADG requirements

Issue Date: **25/01/2024**
Print Date: **24/04/2024**
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SECTION 1 Identification of the substance / mixture and of the company / undertaking

Product Identifier

Product name	Sani-Com Towelette (Single Use)
Other means of identification	Not Available

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

Relevant identified uses	This SDS is communicating the hazards of a single use wipe, containing <10mL of a flammable liquid saturated on a wipe in a sealed packet. There is no free liquid in this packet.

Details of the manufacturer or supplier of the safety data sheet

Registered company name	**Boeing Distribution Australia Pty Ltd**	**Celeste Industries Corporation**
Address	20-22 Lindaway Place Tullamarine, Vic 3043 Australia	8007 Industrial Park Rd. Easton Maryland 21601 United States
Telephone	61-3-9339-3000	1-410-822-5775
Fax	61-3-9338-9773	Not Available
Website	Not Available	Not Available
Email	prc@boeing.com	info@celestecorp.com

Emergency telephone number

Association / Organisation	**Chemtrec (Outside of US/CAN)**	**Chemtrec**
Emergency telephone numbers	**1-703-527-3883**	**1-800-424-9300**
Other emergency telephone numbers	**Not Available**	**Not Available**

SECTION 2 Hazards identification

Classification of the substance or mixture

Poisons Schedule	Not Applicable
Classification [1]	Flammable Liquids Category 3, Hazardous to the Aquatic Environment Acute Hazard Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 3
Legend:	***1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI***

Label elements

Hazard pictogram(s)	
Signal word	**Warning**

Hazard statement(s)

H226	Flammable liquid and vapour.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statement(s) Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary statement(s) Response

P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam to extinguish.

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Precautionary statement(s) Storage

P403+P235	Store in a well-ventilated place. Keep cool.

Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
64-17-5*	10-30	Ethanol*
83682-78-4*	<0.6	cocamidopropyl PG-dimonium chloride phosphate
68424-85-1*	<0.2	benzyl C12-16-alkyldimethylammonium chloride
Legend:	***1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. Classification drawn from C&L; * EU IOELVs available***	

SECTION 4 First aid measures

Description of first aid measures

Eye Contact	‣ Generally not applicable
Skin Contact	‣ Generally not applicable.
Inhalation	‣ Generally not applicable
Ingestion	‣ Generally not applicable

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media

- There is no restriction on the type of extinguisher which may be used.

Special hazards arising from the substrate or mixture

Fire Incompatibility	None known.

Advice for firefighters

Fire Fighting	Slight hazard when exposed to heat, flame and oxidisers.
Fire/Explosion Hazard	Certain substances, found throughout their construction, may degrade or become volatile when heated to high temperatures. This may create a secondary hazard.
HAZCHEM	Not Applicable

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	‣ Clean up all spills immediately ‣ .Secure load if safe to do so ‣ .Bundle/collect recoverable product ‣ .Collect remaining material in containers with covers for disposal.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

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Precautions for safe handling

Safe handling	‣ Wear protective clothing when risk of exposure occurs. ‣ Use in a well-ventilated area. ‣ Avoid contact with incompatible materials. ‣ When handling, **DO NOT** eat, drink or smoke. ‣ Avoid physical damage to containers. ‣ Use good occupational work practice. ‣ Observe manufacturer's storage and handling recommendations contained within this SDS.
Other information	‣ Store away from incompatible materials.

Conditions for safe storage, including any incompatibilities

Suitable container	Generally packaging as originally supplied with the manufactured item is sufficient to protect against physical hazards. If repackaging is required ensure the article is intact and does not show signs of wear.
Storage incompatibility	None known

+	x	+	x	+	+	+

X — *Must not be stored together*
0 — *May be stored together with specific preventions*
\+ — *May be stored together*

Note: Depending on other risk factors, compatibility assessment based on the table above may not be relevant to storage situations, particularly where large volumes of dangerous goods are stored and handled. Reference should be made to the Safety Data Sheets for each substance or article and risks assessed accordingly.

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	Ethanol*	Ethyl alcohol	1000 ppm / 1880 mg/m3	Not Available	Not Available	Not Available

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
Ethanol*	Not Available	Not Available	15000* ppm
benzyl C12-16-alkyldimethylammonium chloride	1.3 mg/m3	14 mg/m3	84 mg/m3

Ingredient	Original IDLH	Revised IDLH
Ethanol*	3,300 ppm	Not Available
benzyl C12-16-alkyldimethylammonium chloride	Not Available	Not Available
cocamidopropyl PG-dimonium chloride phosphate	Not Available	Not Available

Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
benzyl C12-16-alkyldimethylammonium chloride	E	≤ 0.01 mg/m³
cocamidopropyl PG-dimonium chloride phosphate	C	> 1 to ≤ 10 parts per million (ppm)
Notes:	***Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.***	

Exposure controls

Appropriate engineering controls	Single use wipes, in their original condition, generally don't require engineering controls during handling or in normal use. Exceptions may arise following extensive use and subsequent wear.
Eye and face protection	No special equipment for minor exposure i.e. when handling small quantities. OTHERWISE: For potentially moderate or heavy exposures: Safety glasses with side shields.
Skin protection	See Hand protection below

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Hands/feet protection	No special equipment needed when handling small quantities. OTHERWISE: For potentially moderate or heavy exposures: Wear general protective gloves, eg. light weight rubber gloves. For potentially heavy exposures: Wear chemical protective gloves, eg. PVC. and safety footwear.
Body protection	See Other protection below
Other protection	No special equipment needed when handling small quantities. OTHERWISE: For potentially moderate or heavy exposures: Overalls. Skin cleansing cream. Eyewash unit.

Respiratory protection

- Respiratory protection not normally required due to the physical form of the product and its single use application.

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid Saturated on Wipe

Physical state	Liquid	**Relative density (Water = 1)**	0.90-1.00
Odour	Not Available	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Available
pH (as supplied)	Not Available	**Decomposition temperature (°C)**	Not Available
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Available
Initial boiling point and boiling range (°C)	82.2	**Molecular weight (g/mol)**	Not Available
Flash point (°C)	36.1	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	**Flammable, does not support burning per ASTM D4206**	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Available	**Surface Tension (dyn/cm or mN/m)**	Not Available
Lower Explosive Limit (%)	Not Available	**Volatile Component (%vol)**	Not Available
Vapour pressure (kPa)	Not Available	**Gas group**	Not Available
Solubility in water	Not Applicable	**pH as a solution (1%)**	Not Available
Vapour density (Air = 1)	Not Available	**VOC g/L**	Not Available

SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	▸ Product is considered stable. ▸ Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

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Ingestion	The material has **NOT** been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.
Skin Contact	Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.
Eye	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
Chronic	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

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TOXICITY	IRRITATION
Not Available	Not Available

Ethanol*

TOXICITY	IRRITATION
Dermal (rabbit) LD50: 17100 mg/kg[1]	Eye: adverse effect observed (irritating)[1]
Inhalation (Rat) LC50: 64000 ppm4h[2]	Skin: no adverse effect observed (not irritating)[1]
Oral (Rat) LD50: 7060 mg/kg[2]	

benzyl C12-16-alkyldimethylammonium chloride

TOXICITY	IRRITATION
Intraperitoneal (mouse) LD50: 200 mg/kg[2]	Skin (rabbit): 25 mg SEVERE Nil reported
Intraperitoneal (rat) LD50: 100 mg/kg[2]	
Oral (Mouse) LD50; 919 mg/kg[2]	
Oral (Rat) LD50: 426 mg/kg[2]	
Oral (Rat) LD50: 447 mg/kg[2]	
Oral (Rat) LD50: 550 mg/kg *[2]	

cocamidopropyl PG-dimonium chloride phosphate

TOXICITY	IRRITATION
dermal (rat) LD50: >2000 mg/kg *[2]	Eye: adverse effect observed (irreversible damage)[1]

Legend: ***1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances***

Acute Toxicity	✗	**Carcinogenicity**	✗
Skin Irritation/Corrosion	✗	**Reproductivity**	✗
Serious Eye Damage/Irritation	✗	**STOT - Single Exposure**	✗
Respiratory or Skin sensitisation	✗	**STOT - Repeated Exposure**	✗
Mutagenicity	✗	**Aspiration Hazard**	✗

Legend: ✗ ***– Data either not available or does not fill the criteria for classification***
✔ ***– Data available to make classification***

SECTION 12 Ecological information

Toxicity

Sani-Com Towelette (Single Use)

Endpoint	Test Duration (hr)	Species	Value	Source
Not Available	Not Available	Not Available	Not Available	Not Available

Ethanol*

Endpoint	Test Duration (hr)	Species	Value	Source
LC50	96h	Fish	42mg/L	4
EC50(ECx)	96h	Algae or other aquatic plants	<0.001mg/L	4
EC50	72h	Algae or other aquatic plants	275mg/l	2
EC50	96h	Algae or other aquatic plants	<0.001mg/L	4
EC50	48h	Crustacea	2mg/L	4

benzyl C12-16-alkyldimethylammonium chloride

Endpoint	Test Duration (hr)	Species	Value	Source
LC50	96h	Fish	2.256mg/L	Not Available

Continued...

	NOEC(ECx)	72h	Algae or other aquatic plants	<=0.001mg/L	2
	EC50	72h	Algae or other aquatic plants	0.014mg/L	2
	EC50	96h	Algae or other aquatic plants	~0.02mg/l	2
	EC50	48h	Crustacea	0.016mg/l	2

cocamidopropyl PG-dimonium chloride phosphate	**Endpoint**	**Test Duration (hr)**	**Species**	**Value**	**Source**
	NOEC(ECx)	72h	Algae or other aquatic plants	~0.125mg/l	2
	EC50	72h	Algae or other aquatic plants	~0.19mg/l	2
	EC50	48h	Crustacea	~3mg/l	2
	LC50	96h	Fish	~2mg/l	2

Legend:	***Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data***

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	**Persistence: Water/Soil**	**Persistence: Air**
Ethanol*	LOW (Half-life = 2.17 days)	LOW (Half-life = 5.08 days)

Bioaccumulative potential

Ingredient	**Bioaccumulation**
Ethanol*	LOW (LogKOW = -0.31)

Mobility in soil

Ingredient	**Mobility**
Ethanol*	HIGH (Log KOC = 1)

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal	‣ Recycle wherever possible or consult manufacturer for recycling options. ‣ Consult State Land Waste Management Authority for disposal.

SECTION 14 Transport information

Labels Required

Note:	This wipe has been classified as a UN3175, Solids containing flammable liquid, n.o.s., 4.1, II, (contains Ethanol). However, due to the following provisions it is classified as a Non-Regulated Material: 49CFR = Special provision 47 IATA = Special provision A46 IMDG = Special provision 216 ADR = Special provision 216
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	**Group**
Ethanol*	Not Available
benzyl C12-16-alkyldimethylammonium chloride	Not Available
cocamidopropyl PG-dimonium chloride phosphate	Not Available

14.7.3. Transport in bulk in accordance with the IGC Code

Product name	**Ship Type**
Ethanol*	Not Available

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Product name	Ship Type
benzyl C12-16-alkyldimethylammonium chloride	Not Available
cocamidopropyl PG-dimonium chloride phosphate	Not Available

SECTION 15 Regulatory information

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

Ethanol* is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australian Inventory of Industrial Chemicals (AIIC)

benzyl C12-16-alkyldimethylammonium chloride is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6
Australian Inventory of Industrial Chemicals (AIIC)

cocamidopropyl PG-dimonium chloride phosphate is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

Additional Regulatory Information

Not Applicable

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (Ethanol*; benzyl C12-16-alkyldimethylammonium chloride; cocamidopropyl PG-dimonium chloride phosphate)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	No (cocamidopropyl PG-dimonium chloride phosphate)
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (cocamidopropyl PG-dimonium chloride phosphate)
Vietnam - NCI	No (cocamidopropyl PG-dimonium chloride phosphate)
Russia - FBEPH	No (cocamidopropyl PG-dimonium chloride phosphate)
Legend:	***Yes = All CAS declared ingredients are on the inventory*** ***No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.***

SECTION 16 Other information

Revision Date	25/01/2024
Initial Date	23/01/2024

SDS Version Summary

Version	Date of Update	Sections Updated
1.5	24/01/2024	Toxicological information - Acute Health (inhaled), Disposal considerations - Disposal, Ecological Information - Environmental, Exposure controls / personal protection - Exposure Standard, Firefighting measures - Fire Fighter (fire/explosion hazard), Handling and storage - Handling Procedure, Composition / information on ingredients - Ingredients, Exposure controls / personal protection - Personal Protection (Respirator)

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Continued...

end of SDS