

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

#### 1.1. Product identifier

Product form	: Mixture, liquid
Product name	: DriExcel Aircraft Exterior Cleaner
Product group	: Trade product
Product code	: LB-87000
Part number	: SP-87000 series

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

##### 1.2.1. Relevant identified uses

Use of the substance/preparation	: Cleaning agent
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##### 1.2.2. Uses advised against

No data available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer:

Celeste Industries Corporation  
8221 Teal Drive, Suite 405  
Easton, Maryland 21601 (USA)  
Within USA: (410) 822-5775  
International: 00 (1) 410-822-5775  
e-mail: info@celestecorp.com

#### 1.4. Emergency telephone number

Emergency contact number	: For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within the USA and CANADA: 1-800-424-9300 Outside USA and Canada (collect call accepted): 1-703-527-3883
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### SECTION 2: Hazards identification

#### 2.1. Classification of the mixture

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


Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
Acute Tox. 4, H302  
Full text of H-phrases: see section 16

##### Adverse physicochemical, human health and environmental effects

No data available

#### 2.2. Label elements

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

Hazard Pictogram	: 
Signal Word	: Warning
Hazard Statement	: H315 – Causes skin irritation. : H319 – Causes serious eye irritation. : H302 – Harmful if swallowed.
Precaution Statement	: P264 – Wash hands thoroughly after handling. : P270 – Do not eat, drink, smoke when using this product. : P280 – Wear protective gloves/protective clothing/eye protection/face protection. : P362 – Take off contaminated clothing and wash before reuse.

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- : P302 + P350 – IF ON SKIN: Gently wash with plenty of soap and water.
- : P332+P313 – If skin irritation occurs: Get medical advice/attention.
- : P301+P312 – IF SWALLOWED: Immediately call a POISON CONTROL center or doctor/physician if you feel unwell.
- : P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : P501 – Dispose of empty container according to local authorities/regulations.

## 2.3. Other hazards

Mixture may cause skin irritation through prolonged direct contact.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	% Wt	Product Identifier	Classification according to CLP Regulation (EC) No 1272/2008
Butyl 3-hydroxybutyrate	4-5 %	CAS no. 53605-94-0 EC no. 258-658-1	Eye Irrit. 2A, H319
Proprietary emulsifier/surfactant blend	5-6	Proprietary blend/unknown	Skin Irrit. 2, H315 Eye Irrit. 2, H319
N,N-dimethyl dec-9-enamide	2-3 %	CAS no. 1356964-77-6 EC no. 806-919-0	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
1-phenoxypropan-2-ol	2 %	CAS no. 770-35-4 EC no. 212-222-7	Eye Irrit. 2, H319
Alcohols, C9-11, ethoxylated	< 2 %	CAS no. 68439-46-3 EC no. 614-482-0	Eye Dam. 1, H318 Acute Tox. 4, H302

Full text of phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.
- First-aid measures after skin contact : If splashed or spilled on skin, rinse with plenty of water.
- First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes.
- First-aid measures after ingestion : Seek medical attention immediately. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Do not induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : May cause irritation to the skin.
- Symptoms/injuries after eye contact : May cause severe irritation to the eyes.
- Symptoms/injuries after ingestion : Ingestion may cause immediate pain and severe burns of the mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non combustible
- Reactivity : Stable under normal conditions of use.

### 5.3. Advice for firefighters

- Protective equipment for firefighters : Wear proper protective equipment. Extra personal protection: complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.  
Emergency procedures : Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.  
Emergency procedures : Avoid contact with skin and eyes. Do not allow uncontrolled leakage of product into the environment.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Small quantities of liquid spill – use absorbent material and shovel into container for disposal. For large spills, dike with dirt, then remove by vacuum truck for disposal.

### 6.4. Reference to other sections

Refer to sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes.  
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Provide adequate ventilation.  
Storage condition(s) : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

- Appropriate engineering controls : Ensure adequate ventilation.  
Personal protective equipment : Chemical resistant gloves. Protective goggles.



- Hand protection : Chemical resistant gloves.  
Eye protection : Wear chemical splash goggle.  
Skin and body protection : Protective apron. protective clothing. Wear suitable protective clothing.  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid  
Appearance : Slightly viscous liquid  
Colour : Opaque, white color  
Odour : Mild  
Odour threshold : No data available  
pH : 6 - 8  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : 0 °C  
Boiling point : No data available  
Flash point : > 150 °C  
Self ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available

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Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.95 - 1.05
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive as none of the components is classified as explosive or oxidizing.
Oxidising properties	: None of the components is classified for oxidizing properties.
Explosive limits	: No data available

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Skin corrosion/irritation	: Causes skin irritation. pH: 6 - 8
Serious eye damage/irritation	: Causes eye irritation. pH: 6 - 8
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Harmful if swallowd.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.3. Bioaccumulative potential

Readily biodegradable

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.
- Waste disposal recommendations : Comply with local regulations for disposal.

## SECTION 14: Transport information

Not a dangerous good in sense of transport regulations

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH candidate substance

- Other regulations, restrictions and prohibition regulations : Conforms to Regulation (EC) No. 1907/2006, Annex II (REACH), as amended by (EU) No. 453/2010.

#### 15.1.2. National regulations

No data available

### 15.2. Chemical safety assessment

CSA has not been established

## SECTION 16: Other information

- Sources of Key data : SDS, ECHA
- Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials . CAS - Chemical Abstracts Service. CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. EEC - European Economic Community. EC - European Community. GHS - Globally Harmonised System. HMIS - Hazardous Materials Identification System. MSDS - Material Safety Data Sheet. OSHA - Occupational Safety and Health Administration. Overland transport (ADR). PEL- Permissible Exposure Level. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. Relat - Relative. SDS - Safety Data Sheet . STEL- Short-Term Exposure Limit . TLV- Threshold Limit Value. TWA- Time Weighted Average.

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