

# Aircraft Exterior Cleaner

## Safety Data Sheet

According to Regulation (EC) No. 1907/2006, Annex II (REACH), as amended by (EU) No. 453/2010  
MS Code : MSF28      Revision : 9      Rev Date : 2/24/2017      Supersedes : 8/24/2015

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

#### 1.1. Product identifier

Product form : Mixture, liquid  
Product name. : Aircraft Exterior Cleaner  
Product group : Trade product  
Product code : LB-86000C or LB-86000C/A  
Part number : SP-86000C & SP-86000C/HD 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

##### 1.2.2. Uses advised against

No data available

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

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 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 mixture

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

Not classified as hazardous

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

Not classified as dangerous for use/supply

#### 2.2. Label elements

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

No marking required

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	CAS #7732-18-5 EC #231-791-2	≥80%	Not classified
Alcohols C9-11,ethoxylated	CAS #68439-46-3 EC #614-482-0	≤ 6%	Eye Dam. 1, H318 Acute Tox. 4, H302
Tetra potassium pyrophosphate	CAS #7320-34-5 EC #230-785-7	≤ 6%	Eye Irrit. 2, H319
Silicic acid, sodium salt	CAS #1344-09-8 EC #215-687-4	≤5%	Eye Dam. 1, H318 Acute Tox. 4, H302 Eye Irrit. 2, H319

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For a 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 inhalation : Inhalation of mist or aerosol may cause irritation to nose and throat
- Symptoms/injuries after skin contact : Repeated or prolonged direct skin contact may cause irritation or drying of skin.
- Symptoms/injuries after eye contact : May cause irritation to the eyes.
- Symptoms/injuries after ingestion : May cause irritation to the respiratory tract and to other 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: : Carbon dioxide (CO<sub>2</sub>). Dry chemical powder. Water spray.
- 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 including self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

- General measures : Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Chemical resistant gloves as needed. Use splash goggles to prevent eye contact as needed.

#### 6.1.2. For emergency responders

- Protective equipment : Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.

### 6.2. Environmental precautions

No special requirements

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

- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible 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; avoid freezing.

### 7.3. Specific end use(s)

No data available

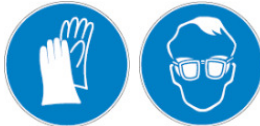
### 8.1. Control parameters

No data available

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## 8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation.  
Personal protective equipment : For general cleaning and/or use, none required. Prolonged use to minimize contact - Chemical resistant gloves; protective eye wear.



Hand protection : Chemical resistant gloves.  
Eye protection : Wear protective eye ware.  
Skin and body protection : Plastic apron to protect clothing. Wear suitable protective clothing.  
Respiratory protection : Normally not required.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Thin, clear  
Colour : Colorless  
Odour : None.  
Odour threshold : No data available  
pH : 10.5 – 11.5  
Melting point : No data available  
Freezing point : 0 °C  
Boiling point : 100 °C  
Flash point : None  
Relative evaporation rate (butylacetate=1) : Not applicable  
Flammability (solid, gas) : No data available  
Explosive limits : Not applicable  
Vapour pressure : No data available  
Relative vapour density at 20 °C : not applicable  
Relative density : No data available  
Density : 0.95 – 1.05  
Solubility : Soluble in water  
Log Pow : No data available  
Log Kow : No data available  
Self ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : Not explosive or oxidizing

### 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.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: May cause mild eye irritation
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No significant harmful effects anticipated.

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Other adverse effects

No additional information 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 classified as dangerous for transport.

## 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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Full text of R-, H- and EUH-phrases:

H318	Causes serious eye damage
Eye Dam. 1	Eye damage, Category 1

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