

# Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Printed date: 04/23/2016 Trade name: **Otis Universal Air AntiFog #OTIS-UAF** Reviewed on: 04/23/2016

## 1 Identification

### Product Identifier

Trade name: **Otis Premium Universal AntiFog #OTIS-UAF—(Universal Air Formula)**

- Relevant identified uses of the substance or mixture and uses advised against
- **Product description: AntiFog, Lens/Glass/Screen Treatment, Inert Active Ing. w/H2O**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

**Otis Products, Inc.**  
**6987 Laura Street**  
**Lyons Falls, NY 13368**

**Phone: 315-348-4300 Web: [www.otistec.com](http://www.otistec.com)**

- **Emergency telephone number: 1-800-424-9300**

## 2 Hazard(s) Identification

- Classification of the substance or mixture

**PRIMARY ROUTES OF EXPOSURE:** Acute and chronic health hazards are difficult to accurately assess for mixtures. Effects should be similar to any mild surfactant.

**INHALATION:** Remove to fresh air.

**SKIN:** Exposures are not known to cause irritation.

**INGESTION:** Ingestion may cause irritation to digestive system.

**CARCINOGENICITY:** Not a known carcinogen and is not listed by NTP, NIOSH, OSHA, AIHA or IARC.

**Precautionary Statements:** Storage / None

**Precautionary Statements:** Disposal / None

**Hazards not otherwise classified:** (HNOC) / None

**This product is considered a consumer product and if used according to directions should not pose any health hazard.**

Health = 1 Fire = 0 Reactivity = 0

Other hazards None known

## 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous Components:**  
All Ingredients are proprietary and non-hazardous and non-flammable.

| Chemical Name                         | CAS-No             | % by Weight |
|---------------------------------------|--------------------|-------------|
| <i>Diocetyl sodium sulfosuccinate</i> | 577-11-7           | 10-15       |
| <i>Supplier trade secret</i>          | <i>Proprietary</i> | 10-15       |

*Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications*

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## 4 First-aid Measures

- **Description of first aid measures**
- **After inhalation:** Remove to fresh air.
- **After skin contact:** Wash with soap and water.
- **After eye contact:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.
- **After swallowing:** Wash mouth and other areas with water. See a Doctor if symptoms occur.

## 5 Fire-fighting measures

Material is non-Flammable, if stored with other flammable goods as follows:

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray. No special hazards arising from the substance or mixture, no further relevant information available.
- **Protective equipment:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent).
- **Personal precautions, protective equipment and emergency procedures:** None required.

## 6 Accidental release measures

- **Environmental precautions:** Substance is Non-Toxic with H<sub>2</sub>O base  
Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Contain spillage, and then collect with absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal.

## 7 Handling and Storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep containers tightly closed in a dry, cool and well-ventilated place.

**EYE PROTECTION:** Wear safety glasses if splashing is likely to occur.

**PROTECTIVE CLOTHING:** No special protective equipment required.

**RESPIRATORY:** No special protective equipment required.

**VENTILATION:** No special protective equipment required.

**GENERAL CONTROL MEASURES:** None needed when this product is used in a normal fashion.

## 8 Exposure controls/personal protection

**RESPIRATORY PROTECTION:** None needed when this product is used in a normal fashion.

**VENTILATION:** None needed when this product is used in a normal fashion.

**PROTECTIVE GLOVES:** None needed when this product is used in a normal fashion.

**EYE PROTECTION:** None needed when this product is used in a normal fashion.

**WORK/HYGIENIC PRACTICES:** None needed when this product is used in a normal fashion.

## 9 Physical Properties

· **Information on basic physical and chemical properties · General Information**

|   |   |
|---|---|
| · <b>Appearance:</b>                              |   |
| Form:   | Liquid  |
| Color:  | Violet  |
| · <b>Odor:</b>                                    | Mild Clean Scent  |
| · <b>Odor threshold:</b>                          | Not determined.   |
| · <b>pH-value:</b>                                | 8-9   |
| · <b>Change in condition</b>                      | Not determined.   |
| · <b>Melting point/Melting range:</b>             | Not determined.   |
| · <b>Boiling point/Boiling range:</b>             | 100 degrees C (212 F)   |
| · <b>Flash point:</b>                             | Non-Flammable H2O base liquid, will not flash. 340C/644F is Flash point of HDPE Container. No Flash to Boiling (NFTB) |
| · <b>Flammability (solid, gaseous):</b>           | Product is not flammable.   |
| · <b>Ignition temperature:</b>                    | Product will not ignite   |
| · <b>Decomposition temperature:</b>               | Not determined.   |
| · <b>Auto igniting:</b>                           | Product is not self igniting  |
| · <b>Danger of explosion:</b>                     | Product is not explosive.   |
| · <b>Explosion limits:</b>                        | Product is not explosive.   |
| · <b>Vapor pressure:</b>                          | Not determined.   |
| · <b>Density @ 20 °C (68 °F):</b>                 | 0.94 g/cm3 (7.844 lbs./gal)   |
| · <b>Relative density</b>                         | Not determined.   |
| · <b>Vapor density</b>                            | Not determined.   |
| · <b>Evaporation rate</b>                         | Not determined.   |
| · <b>Solubility in / Miscibility with Water:</b>  | Fully miscible.   |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.   |
| · <b>Viscosity:</b>                               | Fluid Like.   |
| · <b>Dynamic:</b>                                 | Not determined.   |
| · <b>Kinematic:</b>                               | Not determined.   |
| · <b>Solvent content:</b>                         | 20.0 %  |
| · <b>Organic solvents:</b>                        | 20.0 %  |
| · <b>Other information</b>                        | No further relevant information available   |

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability** - Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid -** None
- **Incompatible materials:** None
- **Hazardous decomposition products:** None

## 11 Toxicological information

Product is Nontoxic.

- Information on toxicological effects: **None**  
There is no toxicological data available for this product. Product is Nontoxic.

## 12 Ecological information

**Not regulated. Non Flammable & Non Hazardous. Product is Non-Toxic**

## 13 Disposal considerations

**Not regulated. Non Flammable & Non Hazardous**

Disposal must be made according to official regulations. Empty or nearly empty packaging does not constitute hazardous waste.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.
- Follow all applicable Federal, State and Local regulations. This material is biodegradable.

## 14 Transport Information

**To the best of our knowledge based on all available data, the product on this Safety Data Sheet contains no substance on any state hazardous substance list.**

· **Environmental hazards:**

- |                                |      |
|--------------------------------|------|
| · Marine pollutant:            | NO   |
| · Special precautions for user | None |

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**

- |                            |               |
|----------------------------|---------------|
| · DOT                      | Not regulated |
| · IATA                     | Not regulated |
| · Quantity limitations     |               |
| · ADR                      | Not regulated |
| · Excepted quantities (EQ) | Not regulated |
| · IMDG                     | Not regulated |
| · Limited quantities (LQ)  | Not regulated |
| · Excepted quantities (EQ) | Not regulated |
| · UN "Model Regulation":   | Not regulated |

## 15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Sara
- **Proposition 65**
- **Section 355 (extremely hazardous substances):**  
None of the ingredients are listed.
- **Section 313 (Specific toxic chemical listings):**  
All ingredients are listed.
- **TSCA (Toxic Substances Control Act):**  
N/A All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**  
None of the ingredients are listed.
- **Chemicals known to cause reproductive toxicity for females:**  
None of the ingredients are listed.
- **Chemicals known to cause reproductive toxicity for males:**  
None of the ingredients are listed.
- **Chemicals known to cause developmental toxicity:**  
None of the ingredients are listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)**  
None of the ingredients are listed.
- **TLV (Threshold Limit Value established by ACGIH)**  
N/A
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
None of the ingredients are listed.
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** N/A
- **Signal word:** N/A
- **Hazard-determining components of labeling:**  
N/A
- **Hazard statements**  
N/A
- **Precautionary statements**  
N/A
- **IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **IF INHALED:** N/A
- **In case of fire:** Use for extinction: CO<sub>2</sub>, powder or water spray.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **National regulations:**  
N/A
- **State Right to Know :** N/A

**RTECS: All ingredients are listed.**

## 16 Other Information

• **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out, the information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose. Where overlapping bodies of regulatory law are in contradiction, both references are shown as best known of printing date.

• **Abbreviations and acronyms:**

ADR: Accord Européen sur le Transport des Marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

NIOSH: National Institute of Safety and Health (USA)

RTECS: Registry of Toxic Effects of Chemical Substances (USA-CDC)

VOC: Volatile Organic Compounds (USA, EU)

**SDS created by ParBur Laboratories, Inc, 4/23/16 +00 (1) 417-334-7176**