



# BLEND #9 FADE OUT AEROSOL (BLEND/AL-US)

## Safety Data Sheet BLEND/AL-US

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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Version: 2.0

### DRIVING SURFACE PERFECTION

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

##### 1.1. Product identifier

Product form : Mixture  
Product name : BLEND #9 FADE OUT AEROSOL (BLEND/AL-US)  
Product group : Aerosol  
Other means of identification : UP0874

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

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

###### Supplier

U-POL LIMITED  
Denington Road, Wellingborough  
Northants. NN8 2QH - UK  
T +44 (0) 1933 230310 - F +44 (0) 1933 425797  
[technical.department@u-pol.com](mailto:technical.department@u-pol.com) - [www.u-pol.com](http://www.u-pol.com)

##### 1.4. Emergency telephone number

Emergency number : +44 (0) 870 8200418

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### GHS-US classification

Flam. Aerosol 1 H222  
Skin Irrit. 2 H315  
Eye Dam. 1 H318  
STOT SE 3 H336

Full text of H statements : see section 16

##### 2.2. Label elements

###### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS02

GHS05

GHS07

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H222 - Extremely flammable aerosol  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
P251 - Pressurized container: Do not pierce or burn, even after use  
P261 - Avoid breathing fume, spray, vapors  
P280 - Wear eye protection, protective gloves, protective clothing  
P302+P352 - If on skin: Wash with plenty of water  
P305 - IF IN EYES: Rinse first with plenty of water and if necessary take medical advice  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

##### 2.3. Other hazards

No additional information available

##### 2.4. Unknown acute toxicity (GHS US)

Not applicable

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name           | Product identifier | %      | GHS-US classification  |
|----------------|--------------------|--------|--|
| cyclohexanone  | (CAS-No.) 108-94-1 | 5 - 23 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |
| methyl acetate | (CAS-No.) 79-20-9  | 5 - 23 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336   |

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Call a poison center/doctor/physician if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

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

- Symptoms/effects : May cause drowsiness or dizziness.
- Symptoms/effects after skin contact : Irritation.
- Symptoms/effects after eye contact : Serious damage to eyes.

#### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

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

- Fire hazard : Extremely flammable aerosol.
- Explosion hazard : Pressurized container: may burst if heated.
- Reactivity : Extremely flammable aerosol. Pressurized container: may burst if heated.

#### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapors, fume, spray. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Mechanically recover the product.
- Other information : Dispose of materials or solid residues at an authorized site.

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### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing vapors, fume, spray. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| BLEND #9 FADE OUT AEROSOL (BLEND/AL-US) |                                     |                       |
|---|-------------------------------------|-----------------------|
| ACGIH                                   | Not applicable                      |                       |
| OSHA                                    | Not applicable                      |                       |
| cyclohexanone (108-94-1)                |                                     |                       |
| ACGIH                                   | ACGIH TWA (ppm)                     | 20 ppm                |
| ACGIH                                   | ACGIH STEL (ppm)                    | 50 ppm                |
| ACGIH                                   | Remark (ACGIH)                      | Eye & URT irr         |
| OSHA                                    | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 200 mg/m <sup>3</sup> |
| OSHA                                    | OSHA PEL (TWA) (ppm)                | 50 ppm                |
| methyl acetate (79-20-9)                |                                     |                       |
| ACGIH                                   | ACGIH TWA (ppm)                     | 200 ppm               |
| ACGIH                                   | ACGIH STEL (ppm)                    | 250 ppm               |
| ACGIH                                   | Remark (ACGIH)                      | eye & URT irr         |
| OSHA                                    | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 610 mg/m <sup>3</sup> |
| OSHA                                    | OSHA PEL (TWA) (ppm)                | 200 ppm               |

### 8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Hand protection : Protective gloves.
- Eye protection : Safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

- Physical state : Liquid
- Appearance : Aerosol.
- Color : Colorless
- Odor : characteristic
- Odor threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available

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|                                 |   |
|---------------------------------|---|
| Melting point                   | : Not applicable                              |
| Freezing point                  | : No data available                           |
| Boiling point                   | : No data available                           |
| Flash point                     | : ≈ -60 °C                                    |
| Auto-ignition temperature       | : No data available                           |
| Decomposition temperature       | : No data available                           |
| Flammability (solid, gas)       | : No data available                           |
| Vapor pressure                  | : No data available                           |
| Relative vapor density at 20 °C | : No data available                           |
| Relative density                | : No data available                           |
| 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            | : Pressurized container: may burst if heated. |
| Oxidizing properties            | : No data available                           |
| Explosion limits                | : No data available                           |

### 9.2. Other information

MIR : Not Applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| cyclohexanone (108-94-1) |                        |
|--------------------------|------------------------|
| ATE US (oral)            | 500 mg/kg body weight  |
| ATE US (dermal)          | 1100 mg/kg body weight |
| ATE US (gases)           | 4500 ppmV/4h           |
| ATE US (vapors)          | 11 mg/l/4h             |
| ATE US (dust, mist)      | 1.5 mg/l/4h            |

|                                   |                              |
|-----------------------------------|------------------------------|
| Skin corrosion/irritation         | : Causes skin irritation.    |
| Serious eye damage/irritation     | : Causes serious eye damage. |
| Respiratory or skin sensitization | : Not classified             |
| Germ cell mutagenicity            | : Not classified             |
| Carcinogenicity                   | : Not classified             |

| cyclohexanone (108-94-1) |                      |
|--------------------------|----------------------|
| IARC group               | 3 - Not classifiable |

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|  |                                      |
|--|--------------------------------------|
| Reproductive toxicity                              | : Not classified                     |
| Specific target organ toxicity – single exposure   | : May cause drowsiness or dizziness. |
| Specific target organ toxicity – repeated exposure | : Not classified                     |
| Aspiration hazard                                  | : Not classified                     |
| Symptoms/effects after skin contact                | : Irritation.                        |
| Symptoms/effects after eye contact                 | : Serious damage to eyes.            |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|--|

#### 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. Other adverse effects

|                              |                                       |
|------------------------------|---------------------------------------|
| Effect on ozone layer        | : No additional information available |
| Effect on the global warming | : No known effects from this product. |

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|

### SECTION 14: Transport information

In accordance with DOT

|                                |  |
|--------------------------------|--|
| Transport document description | : UN1950 Aerosols, 2.1                           |
| UN-No.(DOT)                    | : UN1950   |
| Proper Shipping Name (DOT)     | : Aerosols                                       |
| Class (DOT)                    | : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 |
| Hazard labels (DOT)            | : 2.1 - Flammable gas                            |



|  |  |
|--|--|
| DOT Special Provisions (49 CFR 172.102)                          | : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.   |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 306  |
| DOT Packaging Non Bulk (49 CFR 173.xxx)                          | : None   |
| DOT Packaging Bulk (49 CFR 173.xxx)                              | : None   |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 75 kg  |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 150 kg   |
| DOT Vessel Stowage Location                                      | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  |
| DOT Vessel Stowage Other   | : 25 - Shade from radiant heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials |

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### Additional information

Emergency Response Guide (ERG) Number : 126

Other information : No supplementary information available.

### ADR

Transport document description : UN 1950 AEROSOLS, 2.1, (D)

Class (ADR) : 2 - Gases

Classification code (ADR) : 5F

Hazard labels (ADR) : 2.1 - Flammable gases



Tunnel restriction code (ADR) : D

LQ : 1I

Excepted quantities (ADR) : E0

### Transport by sea

UN-No. (IMDG) : 1950

Proper Shipping Name (IMDG) : AEROSOLS

Class (IMDG) : 2 - Gases

### Air transport

UN-No. (IATA) : 1950

Proper Shipping Name (IATA) : Aerosols, flammable

Class (IATA) : 2

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### cyclohexanone (108-94-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Not subject to reporting requirements of the United States SARA Section 313

CERCLA RQ : 5000 lb

#### methyl acetate (79-20-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

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

Aerosol 1 H222;H229

Skin Irrit. 2 H315

Eye Dam. 1 H318

STOT SE 3 H336

Full text of hazard classes and H-statements : see section 16

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

### 15.2.2. National regulations

### 15.3. US State regulations

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### SECTION 16: Other information

Full text of H-phrases:

|      |                                   |
|------|-----------------------------------|
| H222 | Extremely flammable aerosol       |
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor        |
| H302 | Harmful if swallowed              |
| H312 | Harmful in contact with skin      |
| H315 | Causes skin irritation            |
| H318 | Causes serious eye damage         |
| H319 | Causes serious eye irritation     |
| H332 | Harmful if inhaled                |
| H336 | May cause drowsiness or dizziness |

SDS US UPOL

*For professional use only.*

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