

## PERFUMERS ALCOHOL SAFETY DATA SHEET

Hazard Pictogram(s)



GHS02

Signal Word(s)

Danger

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P240: Ground/bond container and receiving equipment.  
P243: Take precautionary measures against static discharge.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P370+P378: In case of fire: Use water to extinguish.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P501: Dispose of contents in accordance with local, state or national legislation.

### 2.3 Other hazards

Not known.

### 2.4 Additional Information

For full text of H/P Statements see section 16.

## 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|-------------------------|---------|--------|------|---------------------|---------------------|
|-------------------------|---------|--------|------|---------------------|---------------------|

|                       |         |           |        |                   |       |
|-----------------------|---------|-----------|--------|-------------------|-------|
| ethanol ethyl alcohol | 64-17-5 | 200-578-6 | 80-100 | Flam. Liq. 2 H225 | GHS02 |
|-----------------------|---------|-----------|--------|-------------------|-------|

## 4. SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

|              |   |
|--------------|---|
| Inhalation   | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Skin Contact | Wash skin with water.   |
| Eye Contact  | Flush eyes with water for at least 15 minutes.  |
| Ingestion    | Wash out mouth with water.  |

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

## 5. SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding  
fire. Unsuitable extinguishing media Water jet spray

**5.2 Special hazards arising from the substance or mixture**

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None anticipated. Heating may cause decomposition.

### 5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing and gloves.

### 6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

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

Sweep up spilled substance and remove to safe place. Use vacuum equipment for collecting spilt materials, where practicable. Containers must not be punctured or destroyed by burning, even when empty.

### 6.4 Reference to other sections

See Also Section 8, 13.

## 7. SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

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

Store in a well-ventilated place. Keep cool.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

### 7.3 Specific end use(s)

Not known.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION




### 8.1 Control parameters

8.1.1 Occupational Exposure Limits

| Occupational Exposure Limits |          |                     |                                    |            |                           |      |
|------------------------------|----------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE.                   | CAS No.  | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | Note |
| Ethanol                      | 64-17-5  | 1000                | 1920                               |            |                           |      |
| Remark                       | Footnote |                     |                                    |            |                           |      |

### 8.2 Exposure controls

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|  |   |
|--|---|
| 8.2.1. Appropriate engineering controls  | Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. |
| 8.2.2. Personal protection equipment   |   |
|  Eye Protection         | Wear eye protection with side protection (EN166).   |
|  Skin protection        | Not normally required.  |
|  Respiratory protection | Normally no personal respiratory protection is necessary.   |
| Thermal hazards  | None known.   |
| 8.2.3. Environmental Exposure Controls   | Do not allow to enter drains, sewers or watercourses.   |

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|  |                             |
|--|-----------------------------|
| Appearance                                   | Liquid.                     |
| Colour                                       | Clear. Colourless.          |
| Odour  | Spiritous.                  |
| Odour threshold                              | Not known.                  |
| pH   | Not known.                  |
| Melting point/freezing point                 | Not known.                  |
| Boiling point/boiling range (°C):            | 79 °C                       |
| Flash Point                                  | Not known.                  |
| Flash Point Range                            | 15 °C                       |
| Density (g/ml)                               | 0.79                        |
| Evaporation rate                             | Not known.                  |
| Flammability                                 | Not known.                  |
| Vapour density                               | Not known.                  |
| Vapour pressure                              | Not known.                  |
| Relative density                             | Not known.                  |
| Solubility (Water)                           | Partly miscible with water. |
| Solubility (Other)                           | Not known.                  |
| Partition coefficient: n- octanol/water      | Not known.                  |
| Auto-ignition temperature                    | Not known.                  |
| Decomposition Temperature (°C)               | Not known.                  |
| Viscosity                                    | Not known.                  |
| Upper/lower flammability or explosive limits | Not known.                  |

### 9.2 Other information

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Not known.

### 10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity                      None anticipated.

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|   |  |
|---|--|
| 10.2 Chemical Stability                 | Stable under normal conditions.                                |
| 10.3 Possibility of hazardous reactions | No hazardous reactions known if used for its intended purpose. |
| 10.4 Conditions to avoid                | Avoid friction, sparks, or other means of ignition.            |
| 10.5 Incompatible materials             | Not known.   |
| 10.6 Hazardous decomposition product(s) | None known.  |

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

|                                |                 |
|--------------------------------|-----------------|
| Acute toxicity - Ingestion     | Not classified. |
| Acute toxicity - Skin Contact  | Not classified. |
| Acute toxicity - Inhalation    | Not classified. |
| Skin corrosion/irritation      | Not classified. |
| Serious eye damage/irritation  | Not classified. |
| Skin sensitization data        | Not classified. |
| Respiratory sensitization data | Not classified. |
| Germ cell mutagenicity         | Not classified. |
| Carcinogenicity                | Not classified. |
| Reproductive toxicity          | Not classified. |
| Lactation                      | Not classified. |
| STOT - single exposure         | Not classified. |
| STOT - repeated exposure       | Not classified. |
| Aspiration hazard              | Not classified. |

#### 11.2 Other information

Not known.

### 12. SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

|                                  |   |
|----------------------------------|---|
| Toxicity - Aquatic invertebrates | Not classified  |
| Toxicity - Fish                  | Low toxicity to fish.                                     |
| Toxicity - Algae                 | Low toxicity to algae.                                    |
| Toxicity - Sediment              | The substance has low mobility in sediment.               |
| Compartment                      | Low toxicity under normal conditions of handling and use. |
| Toxicity - Terrestrial           |   |
| Compartment                      | Not known.  |

#### 12.2. Persistence and Degradation

Not known.

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

Not known.

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**12.5. Results of PBT and vPvB assessment** Not known.

**12.6 Other adverse effects** Not known.

**13. SECTION 13: DISPOSAL CONSIDERATIONS**

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**14. SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

UN No. 1266

**14.2 UN proper shipping name**

UN proper shipping name PERFUMERY PRODUCTS with flammable solvents

**14.3 Transport hazard class(es)**

ADR/RID Class 3  
 IMDG Class 3  
 IMDG EMS Not available

ICAO/IATA

Excepted Quantities E1  
 Passenger and Cargo Aircraft Limited Quantities Packing Instructions Y344  
 Passenger and Cargo Aircraft Limited Quantities Max net Qty 10L  
 Passenger and Cargo Aircraft Max net Qty 355  
 Passenger and Cargo Aircraft Max net Qty 60L  
 Cargo Aircraft Packing Instructions 366  
 Cargo Aircraft Max net Qty 220L  
 Special Provisions A72  
 Emergency Response 3L  
 Guidebook (ERG) Code  
 ADR Classification Code F1  
 ADR HIN 30  
 ADR Transport Category 3  
 Tunnel Restriction Code D/E  
 Emergency Action Code •3Y  
 APP Advice on Additional Personal Protection (APP) Not applicable

**14.4 Packing group**

Packing group III  
 Labels 3





|   |                      |
|---|----------------------|
| Special Provisions                      | 163 640E             |
| Limited Quantities                      | 5 L                  |
| Excepted Quantities                     | E1                   |
| Mixed Packing Instructions for Packages | P001 IBC03 LP01 R001 |
| Special Packing Provisions for Packages | Not applicable       |
| Mixed Packing Instructions for Packages | MP19                 |

#### 14.5 Environmental hazards

Environmental hazards Not known.

#### 14.6 Special precautions for user

Special precautions for user Not known.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Packing Instructions for Portable T2 Tanks

Special Provisions for Portable Tanks TP1

|   |                |
|---|----------------|
| Tank Code for Tanks   | LGBF           |
| Special Provisions for Tanks                                      | Not applicable |
| Vehicle for Tank Carriage   | FL             |
| Special Provisions for Carriage - Packages                        | V12            |
| Special Provisions for Carriage - Bulk                            | Not applicable |
| Special Provisions for Carriage - Loading, Unloading and Handling | Not applicable |
| Special Provisions for Carriage - Operation                       | S2             |

### 15. SECTION 15: REGULATORY INFORMATION

#### 15.1 European Regulations

Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation All chemicals are not listed

REACH: ANNEX XIV list of substances subject to authorisation All chemicals are not listed

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REACH: ANNEX XVII  
restrictions on the  
manufacture, placing on the  
market and use of certain  
dangerous substances,  
preparations and articles

All chemicals are not listed

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|   |            |
|---|------------|
| Community Rolling Action Plan (CoRAP)   | Not known. |
| Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants                        | Not listed |
| Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer   | Not listed |
| Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals | Not listed |

### 15.2 National regulations

|       |            |
|-------|------------|
| Other | Not known. |
|-------|------------|

## 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### Hazard Pictogram(s)



GHS02

|                            |   |
|----------------------------|---|
| Signal Word(s)             | Danger  |
| Hazard Statement(s)        | H225: Highly flammable liquid and vapour.   |
| Precautionary Statement(s) | P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233: Keep container tightly closed.<br>P240: Ground/bond container and receiving equipment.<br>P241: Use explosion-proof electrical/ventilating/lighting/equipment.<br>P242: Use only non-sparking tools.<br>P243: Take precautionary measures against static discharge.<br>P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P370+P378: In case of fire: Use water to extinguish.<br>P403+P235: Store in a well-ventilated place. Keep cool.<br>P501: Dispose of contents in accordance with local, state or national legislation. |

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