

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Trade name: HYGOFRESH AERESOL, Art. 70.034
Fragrance: CITRUS / RIVIERA / LAVENDER / MAGIC

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Mixture of organic solvents, perfume and propane/iso-butane(propellant)

<u>NAME</u>	<u>CAS NO</u>	<u>EC NO</u>	<u>%</u>	<u>SYMBOL</u>	<u>R NO</u>
Etanol	67-17-5	200-578-6	65-88	F	11
Propan-2-ol	67-63-0	200-661-7	0,8<	Xi,F	11-36-67
Propylen glycol	25265-71-8		0,6-1		
Perfume			2-4	Xi,N	
Lpc	68476		62-66		

Additional information: For the wording of the listed risk phrases refer to section 16.

3. HAZARDS IDENTIFICATION

Hazard Designation: F+ Extremely flammable
Information pertaining to particular dangers for man and environment: R12 Extremely flammable.

4. FIRST AID MEASURES

After inhalation: Supply fresh air, consult a doctor if symptoms develop
After skin contact: Remove soaked clothing and launder before reuse. Wash skin with water and soap.If syptoms develop or persist, consult a doctor.
After eye contact: Rinse opened ey efor several minutes under running water. If symptoms persists,consult a doctor.
After swallowing: Rinse mouth. Do not induce vomiting. Consult a doctor.

5. **FIRE FIGHTING MEASURES:**

Extinguishing Media: Water, CO₂, dry chemical, or foam

Fire fighting procedures: Exposure to high temperatures. Keep containers cool to avoid bursting. In case of fire CO maybe possible.

For safety reason unsuitable extinguishing agents: Water jet.

Wear protective clothing/equipment when fighting fires.

6. **ACCIDENTAL RELEASE MEASURES :**

Personal: Wear protectitive equipment. Keep unprotected persons away.

Measures for environmental protection: No special measures required.

If container is ruptured or begins to leak, clean with brush or use an absorband maretial.

7. **HANDLING AND STORAGE**

Store in a cool, dry area away from heat or open flame. Protect from direct sunlight and/or temperatures above 50 C. Do not pierce or burn even after use. Do not spray onto a naked flame or incandescent surface. Avoid contact with eyes and skin. Do not swallow. Keep out of reach of children. Do not store together with strong acids and strong oxidising agents. Do not smoke.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Use protective gloves and safety glasses when installing new container to avoid possible contact with eyes.

Wash hands during breaks and at the end of the work .

Additional information:

OEL values:

EH40(2002)

ETONOL OES 8saat TWA- 1000ppm(1929mg/m³)

Isopropanol OES 8saat TWA- 400ppm(999mg/m³)

15dk STEL 500ppm(1250mg/m³)

Propan Listed as an asphyxiant with no limit set.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Form: Aerosol
Color: According to Product specification.
Smell: Perfume
Flash point: Not applicable, as aerosol
Boiling point: Not applicable, as aerosol

Critical values for explosion:

Lower: 1.2 Vol %
Upper: 23.5 Vol %
Vapour pressure: 20C 5.0-5.5 bar
Density: 20C 0.623-0.006 g/cm³
Solubility in-Miscibility with water: Partly miscible.

10. **STABILITY AND REACTIVITY**

Stability: Product is stable under normal conditions.
Conditions to avoid: Heat, sparks, and open flame.
Dangerous reactions: No dangerous reactions known.
Materials to be avoided: Oxidising agents and strong acids.
In case of fire CO and CO₂ may be possible.

11. **TOXICOLOGICAL INFORMATION**

Irritation maybe possible on the skin and eye.

12. **ECOLOGICAL INFORMATION**

General notes: Water hazard class 1 (self-assessment) : slightly hazardous for water. Do not allowed undiluted product or large quantities of it to reach ground water, water bodies or sewage system .

13. **DISPOSAL CONSIDERATIONS**

Empty the can by using the product according to the label. DO NOT PUNCTURE OR INCINERATE! "Empty" cans may contain residue. Avoid exposure to heat, flame, sparks, and other sources of ignition. The empty cans should be annihilated according to the local regulations.

14. TRANSPORT INFORMATION

ADR-RID CLASS: 2

UN NO: 1950

Correct technical name: Aerosols –flammable

Remarks: Un 1950 aerosols should be placed inside the diamond shaped label. Goods are classed as Limited Quantities and are therefore exempt from ADR regulations. Check the local legislation for domestic transport .

Sea class:

CLASS: 2

UN NO: 1950

EMA NO:F-D,S-U

Correct technical name: Aerosols –flammable

Remarks: Limited quantity.

Air class :

Class: 2.1

Un no: 1950

Correct technical name: Aerosols –flammable

Remarks: Limited quantity

15. REGULATORY INFORMATION

Risk phrases:

R11: Highly flammable

R12 :Extremely flammable

R36: Irritating to eyes

R38: Irritating to skin

R67: Vapours may cause drowsiness and dizziness

Safety suggestions:

S16: Keep away from sources of ignition - No smoking

S2: Keep out of reach of children

S23: Do not breathe spray.

S51: Use only in well ventilated areas.

16. **OTHER INFORMATION**

This Information is provided in good faith, but makes no representation as to its comprehensiveness or accuracy.

The manufacturer believes that it is accurate and to the best of its knowledge, and relates only to the specific material designated herein.

The manufacturer makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly the manufacturer will not be responsible for damages resulting from use of or reliance upon this information.

The references taken for the safety information:

- 1- Hazard Information and packaging Regulations (1993)
- 2- Hazardous Chemicals and products Control regulation

Date of issue: 03.09.2009



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