

Safety Data Sheet

1. Identification of the substance and the company

Identification of the substance or preparation

Product name: ECO GAS Diesel

Manufacturer / supplier:

ALT R ECO
17, rue Jeanne Braconnier
Immeuble Le Volta
92360 MEUDON-LA-FORÊT

Information service:

Phone: +33(0)1 46 32 97 47

Emergency information:

ORFILA : +33(0)1 45 42 59 59

2. Hazards identification

Main hazards: refer to chapter 15.

Special instructions concerning the hazards for humans and the environment:

The product must be labelled in accordance with the calculation method of the "General directive for classification of preparations of the EC" in its latest valid version.

Classification system:

The classification corresponds to the current EEC lists and is supplemented with details from specialized publications and details provided by the manufacturer.

3. Composition/information on ingredients

Chemical characterization

Description: Combustion additive

Chemical name: Hydrocarbon

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|-------------------------------------|-------------------------------|
| • Components presenting a hazard: | Dearomatized Benzene < 50 ppm |
| • Impurities (presenting a hazard): | Sulfur < 5 ppm |
| • Other data: | Chlorine 0 |

Main hazards: R10 + R65

Additional details: For the wording of the risk phrases listed, refer to chapter 16.

4. First aid measures

Respiratory tract: Take the affected person in the air quickly, using suitable protective aids for the respiratory tract. Ensure artificial respiration if respiration stops, keeping the person at rest, and consult a physician immediately.

Dermal contact: In case of a contact with the skin, wash the contaminated parts with water and soap abundantly. Remove the contaminated clothing, including footwear, and do not use them again before cleaning.

Eye contact: Rinse the eyes abundantly with water until the irritation disappears. If it persists, seek a specialist.

Digestive tract: If ingested, do not induce vomiting. Consult a physician.

5. Firefighting measures

Extinguishing means: CO₂, powder or water spray, foam. Adjust the extinguishing method to the fire in the surrounding area.

Extinguishing products advised against due to safety reasons: high-speed water jet.

Special hazards caused by the substance, its combustion products and gas emissions: Do not inhale the gas and fumes from the fire.

Special safety aids: Wear a respiratory protection device.

Other details: Recycle the contaminated extinction water. Do not dispose of it in sewage.

6. Accidental release measures

Personal precautions:

- Wear safety aids.
- Keep the unprotected persons away.
- Ensure sufficient ventilation.
- Cut off the power supply.

Environmental protection measures:

- Do not discharge in the sewage, in surface water and groundwater.
- In case of penetration into water or sewage, inform the relevant authorities.

Treatment and recovery methods:

- Collect liquids using absorbents (sand, kieselguhr, acid neutralization, general binder, sawdust).
- Remove the contaminated material as waste, conforming to chapter 13.

7. Handling and storage

Handling:

Precautions for safe handling:

- Ensure sufficient ventilation and suction for the workplace.
- Put the containers on the ground.

Precautions against fire and explosion:

- Take measures to prevent electrostatic discharges.
- Keep the respirative protection aids readily available.

Storage:

Requirements for sites and storage containers: Take measures to prevent penetration into the ground

Incompatible substances: Polystyrene.

Packaging materials: Iron, Polypropylene

Other details of storage terms: Keep in a cool and dry place in tightly closed barrels. Temperature below 35°C.

8. Exposure controls / personal protection

Additional instructions for the layout of technical installations:

With no additional details, refer to chapter 7.

Additional remarks: This document relies on the lists valid at the moment of its drafting.

Personal safety aids:

General protective and hygienic measures:

- Follow the usual safety procedure for use of chemicals.
- Keep away from foodstuffs, beverages and animal food.
- Do not inhale gases, vapours and aerosols.

Respiratory protection: Respiratory protection suggested for inhalation of fumes.

Hand protection: Protective gloves

- **Material for gloves:** Nitrile rubber
The choice of suitable gloves depends on the material just as much as on other quality criteria which may vary from one manufacturer to another. Since the product is a preparation combining several substances, the actual stability of materials in gloves cannot be calculated in advance, and thus, it must be checked before the use.
- **Penetration time for glove material:** The exact penetration time must be specified by the glove manufacturer and must be observed.

Eye protection: Protective goggles

9. Physical and chemical properties

General data	
State:	Liquid
Colour:	Blue
Smell:	Typical
Change of state	
Decomposition temperature:	> 200°C
Flash point:	> 60°C
Autoignition temperature	> 200°C
Explosion hazard	
The product is not explosive; still, explosive blends of air and fumes can occur.	
Density:	0.875 Kg/Litre
Solubility in / miscibility with	
Hydrocarbons:	Soluble
Water:	Insoluble

10. Stability and reactivity

Thermal decomposition / conditions to avoid: Stable under normal conditions of use.

Substances to avoid: Strong oxidizing agents

Hazardous decomposition products:

11. Toxicological information

Acute toxicity

Primary irritation effect: Irritating to the eyes and the respiratory tract.

Long-term toxicity: Degreases and dries out the skin. Can cause headache.

Sensibilization: No sensibilization effect known.

12. Ecological information

Stability : Volatile.

Persistence/degradability: degradable slowly.

Bioaccumulation:

Ecotoxicity: Does not present acute toxicity for aquatic organisms.

Other:

13. Disposal considerations

It must never penetrate, by dumping or discharging, sewers, gutters, natural watercourses.

It may be incinerated directly in adequate facilities.

14. Transport information

Land transport ADR/RID

(cross-border regulation for transportation of hazardous products, for road and rail transport:



ADR/RID class (transportation regulation for hazardous products, on road and rail)	3 (F1) Inflammable liquids
Kemler code	30
UN number	3295
Packaging class	III
Safety label	3
Product identification	3295 LIQUID HYDROCARBONS, N.S.A.

Maritime transport MDG (regulation for transportation of hazardous products):



IMDG class	3
UN number	3295
Label	3
Packaging class	III
EMS number	F-E, S-E
Sea pollutant	No
Correct technical name	LIQUID HYDROCARBONS, N.O.S.

Air transport ICAO-TI and IATA-DGR :



ICAO/IATA class	3
UN identification number	3295
Label	3
Packaging class	III
Correct technical name	LIQUID HYDROCARBONS, N.O.S.

15. Regulatory information

Community regulations

R 10: Flammable

R 65: Harmful: may cause lung damage if swallowed

R 53: May cause long-term adverse effects in the aquatic environment

S 23: Do not breathe fumes.

S 24: Avoid contact with skin.

S 62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. Other information

A product for use in diesel engines only.

N.B. : Our information is given in good faith, to the best of our current knowledge.
We may introduce modifications depending on new regulations or new technical knowledge.

Facility issuing this technical data sheet: refer to item 1.