

SAFETY DATA
According 1907/2006/CE, Article 31

Date edition: 04.04.2008

Révision: 04.04.2008

1 Identification of the substance / preparation and the company / company

- **Identification of the substance or preparation:**
- **Product name:** Exel Motor Essence NG
- **Use of the substance / of preparation:** Engine treatment
- **Producer /supplier:**
RIVIERA RACING
382 CHEMIN GRANGE DE CAPOUN
06140 COURSEGOULES - FRANCE
Tel +33 4 93 24 22 31
Fax + 33 4 93 58 59 74
Mail rivieraracing@free.fr
- **Information in case of emergency:** ORFILA Tél: +33(0)1.45.42.59.59

2 Identification of risks

- **Main dangers:**



Xn Harmful
N Dangerous for environment

- **Particular indications concerning the dangers for man and the environment:**

The product is to be labeled in accordance with the calculation procedure of the "General Classification Guideline for EC preparations" in the latest valid version.

Has narcotizing effects. R 10 Flammable.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed. R 67 Vapors may cause drowsiness and dizziness.








Classification system:

The classification corresponds to the current EEC lists and is supplemented by indications from specialized publications and indications provided by the company.

3 Composition/information on components

- Chemical characterization
- Description: Mixture: consisting of the substances listed below

· **Dangerous components:**

CAS: 64742-48-9 EINECS: 265-150-3	heavy naphtha (petroleum), hydrotreated  Xn; R 10-65-66	10-25%
CAS: 64742-49-0 EINECS: 265-151-9	Light naphtha (petroleum), hydrotreated  Xn,  Xi,  F,  N; R 11-38-51/53-65-67	10-25%
CAS: 64742-94-5 EINECS: 265-198-5	heavy aromatic naphtha solvent (petroleum)  Xn,  N; R 51/53-65-66-67	10-25%

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CAS: 25322-69-4	polypropylene glycol ☒ Xn; R 22	2,5-10%
CAS: 95-63-6 EINECS: 202-436-9	1,2,4-trimethylbenzene ☒ Xn, ☒ Xi, ☒ N; R 10-20-36/37/38-51/53	2,5-10%
CAS: 64742-95-6 EINECS: 265-199-0	light aromatic naphtha solvent (petroleum) Carc. Cat. 2; ☒ Xn, ☒ Xi, ☒ N; R 10-37-51/53-65-66-67	2,5-10%
CAS: 104-76-7 EINECS: 203-234-3	2-ethylhexane-1-ol ☒ Xi; R 36/38	2,5-10%
CAS: 67-64-1 EINECS: 200-662-2	acetone ☒ Xi, ☒ F; R 11-36-66-67	{2,5%
CAS: 102-54-5 EINECS: 203-039-3	ferrocene ☒ Xn; R 22	{2,5%

Additional indications:

- For the wording of the listed risk phrases, refer to Chapter 16.

4 First rescue

- After excessive inhalation: Give fresh air, consult a doctor in case of symptoms.
- After skin contact: As a rule, the product does not irritate the skin.
- After contact with the eyes:
 - Rinse the eyes under running water for several minutes, keeping the eyelids open.
- After ingestion: If symptoms persist, consult a doctor.

5 Fire fighting measures

- Means of extinction:
- CO2, extinguishing powder or water spray. Fight large fires with water spray or alcohol-resistant foam.
- For safety reasons unsuitable extinguishing agents: High volume water jet
- Special safety equipment: No special measures required.

6 Actions to be taken in case of accidental release

Individual precautions:

- Wear protective equipment. Keep unprotected people away.
- Measures for the protection of the environment: Do not discharge into the sewer or in the natural environment. In case of penetration into water or sewer system, notify the appropriate authorities.
- Do not discharge into drains, surface water or groundwater.
- Cleaning / recovery methods: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Dispose of contaminated material as waste according to point 13.

7 Manipulation and storage

- Handling:
- Precautions for handling:
- Protect from strong heat and direct sunlight.
- Prevention of fires and explosions:

Keep away from ignition sources - do not smoke



Take action against electrostatic charges

- Storage
- Requirements for storage rooms and containers: No special requirements.
- Notes on common storage: Not necessary.
- Further information on storage conditions: Keep packaging tightly closed.

8 Exposure controle/protection individuelleersonal protection

- Additional indications for the arrangement of the technical installations:
- Without further indication, see point 7

• Components with threshold values to monitor by workstation:

95-63-6 1,2,4-trimethylbenzene

IOELV (EU) | 100 mg/m³, 20 ppm

VME (France) | 100 mg/m³, 20 ppm

67-64-1 acetone

IOELV (EU) | 1210 mg/m³, 500 ppm

VME (France) | 1210 mg/m³, 500 ppm

102-54-5 ferrocene

VME (France) | 10 mg/m³

• Additional notes:

This document is based on the lists in effect at the time of its preparation.

- Personal protective equipment
- General measures of protection and hygiene:
Keep away from food, drinks and feed. Wash hands before breaks and at the end of work.
- Respiratory protection: Not necessary.
- Hand protection:
The glove material has to be impermeable and resistant to the product / the substance / the preparation.

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• **Glove material**

The choice of suitable gloves depends not only on the material but also on other quality criteria which may vary from one manufacturer to another. Since the product represents a preparation composed of several substances, the resistance of the glove materials can not be calculated in advance and must be checked before use.

• **Eye protection:**

Hermetic goggles



9 Physical and chemical properties

Form: Fluid
Color: Amber
Odor: Characteristic

Change of state
Melting Point: Not determined.
Boiling point: Not determined.

Flash point: 30 ° C

Ignition temperature: Not applicable.

- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive; however, explosive mixtures steam-air can form.

Density at 20 ° C: 0.877 g / cm³

- **Solubility in / miscibility with water:** Not or little miscible

Viscosity:
Dynamic at 20 ° C: 3.505 cSt

Solvent content: VOC (EC) 24.27%

10 Stability and et reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological Informations

· **Acute toxicity :**

• LD / LC50 values determining for the classification:

64742-48-9 heavy naphtha (petroleum), hydrotreated

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rab)

95-63-6 1,2,4-trimethylbenzene

Oral	LD50	5000 mg/kg (rat)
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64742-95-6 solvant naphta aromatique léger (pétrole)

Oral	LD50	>6800 mg/kg (rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalation	LC50/4 h	>10,2 mg/l (rat)

- Primary irritant effect:
- skin: No irritating effect.
- eyes: No irritant effect.
- Sensitization: No sensitizing effect known.
- Additional toxicological indications:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

12 Ecological informations

- Ecotoxic effects:
- Note: Toxic in fish.
- General indications: Water Pollution Category 2 (D) (Proper Classification): pollutant
Do not allow to enter ground water, water or sewage system.
Danger for drinking water if you leak a small amount into the basement.
In waters, also toxic to fish and plankton. Toxic to aquatic organisms.

13 Disposal considerations of elimination

- **Product**
- **Recommendation:**
- Should not be disposed together with household waste. Do not allow to enter drains.
- Uncleaned packaging
- Recommendation: Evacuation in accordance with legal requirements.

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14 Transport information

Land transport ADR / RID (Ordinance on the transport of dangerous goods - road and train) (cross-border):



Classe ADR/RID (transport ordinance of dangerous products - road and train): **3 (F1) inflammables liquid.**

· Danger code: 36 • UN number: 1993 • Packing group: III • Danger label: 3 • Product designation:

1993 *FLAMMABLE LIQUID, N.S.A. (light naphtha (petroleum), hydrotreated, high naphtha (petroleum), hydrotreated), special disposition 640E*

· **Limit quantity (LQ)** LQ7
 · **Transport category** 3
 · **Tunnel restriction code** E

- **Maritime Transportation IMDG (Transportation of Dangerous Products Ordinance):**



· **Classe IMDG:** 3
 · **No ONU:** 1993
 · **Label** 3
 · **Packing group:** III
 · **No EMS:** F-E,S-D
 · **Marine pollutant:** Non
 · **Exact technical designation:** *FLAMMABLE LIQUID, N.O. S. (Naphtha (petroleum), hydrotreated light, Naphtha (petroleum), hydrotreated heavy)*

· **Air transport ICAO-TI et IATA-DGR:**



· **Classe ICAO/IATA:** 3
 · **No ID ONU:** 1993
 · **Label** 3
 · **Packing group:** III

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· **Exact technical designation:** *FLAMMABLE LIQUID, N.O. S. (Naphtha (petroleum), hydrotreated light, Naphtha (petroleum), hydrotreated heavy)*

15 Regulatory Informations

· **Marking according to EEC directives:**

- The product is classified and identified according to the directives of the European Community / respective national laws.
- 2004/73 / EC; 2006/8 / EC

· **Letter of identification and hazard characterization of the product:**



Xn Harmful
N Dangerous for environment

· **Critical Hazardous Components for Labeling:**

- naphtha heavy (petroleum), hydrotreated light naphtha (petroleum), hydrotreated solvent naphtha heavy aromatic (petroleum) solvent naphtha aromatic light petroleum

· **R phrases:**

- 10 Flammable.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapors may cause drowsiness and dizziness.

· **S phrases:**

- 2 Keep out of reach of children.
- 29/56 Do not empty into drains, dispose of this product and its container at hazardous or special waste collection point.
- 46 If swallowed, seek medical advice immediately and show this container or label

16 other datas

These statements are based on the current state of our knowledge, but do not constitute a guarantee as to the properties of the product and do not give rise to a contractual legal relationship

Recall of the R-phrases given in paragraph 3:

- 10 Flammable.
- 11 Highly flammable.
- 20 Harmful by inhalation.
- 22 Harmful if swallowed.
- 36 Irritating to eyes.
- 36/37/38 Irritating to eyes, respiratory system and skin.

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36/38	Irritating to eyes and skin. Irritating to respiratory system.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapors may cause drowsiness and dizziness.