

Material Safety Data Sheet

According to 91/155/CEE

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1 Identification of substance

- **Product details**
- **Trade name AT41425**
- **Application of the substance / the preparation Cleaner**
- **Distributor**
Delphi Automotive Systems S.r.l.
via Nobili, 2 – 40062 Molinella (BO) - Italy
Tel: +39-051-6906111 Fax: +39-051-6906305
- **Telephone number in case of emergencies:**
Emergency room of the nearest hospital of your country

2 Composition / Data on components

- **Chemical characterization**
- **CAS No. Designation**
Paraffinics hydrocarbons mixture
CAS-Nr.: 64771-72-8
- **Identification number(s)**
- **EINECS Number: 265-233-4**
- **EC Number: 650-001-00-0**

3 Hazards identification

- **Hazard designation** *minación del peligro:*

*Xn Harmful*

- **Information pertaining to particular dangers for man and environment:**
R 65 Harmful: may cause lung damage if swallowed.
R 66 Repeated exposure may cause skin dryness or cracking.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air
- **After skin contact** Wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

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5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** *Water with a full water jet.*
- **Special hazards caused by the material, its products of combustion or flue gases:** *Carbon monoxide (CO) and carbon dioxide (CO₂)*
- **Protective equipment:**
*Do not inhale explosion gases or combustion gases.
Wear self-contained breathing apparatus
Wear full protective suit*
- **Additional information**
*Cool endangered containers with water spray jet.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.*

6 Accidental release measures

- **Person-related safety precautions:**
*Particular danger of slipping on leaked/spilled product.
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Ensure adequate ventilation.
Use breathing protection against the effects of fumes/dust/aerosol.*
- **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
- **Measures for cleaning/collecting:**
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.*

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
*Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.*
- **Information about protection against explosions and fires:**
*Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Fumes can combine with air to form an explosive mixture.
Protect from heat.*
- **Storage:**
- **Requirements to be met by storerooms and containers:** *Store only in the original container*
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
- **Further information about storage conditions:**
Keep container tightly sealed
- **Recommended storage temperature:** *room temperature*

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8 Exposure controls and personal protection

- **Components with critical values that require monitoring at the workplace:** Not required
- **Personal protective equipment**
- **General protective and hygienic measures**
Instantly remove any soiled and impregnated garments.
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
Avoid close or long term contact with the skin.
Use skin protection cream for preventive skin protection.
Do not carry cleaning cloths impregnated with the product in trouser pockets.
- **Breathing equipment:**
Use breathing protection only when aerosol or mist is formed.
- **Protection of hands:** Oil resistant gloves (gloves of nitril).
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Not suitable are gloves made of the following materials:**
Leather gloves.
Strong gloves.
- **Eye protection:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Generales information**

Form:	Liquid
Colour:	Clear
Smell:	Mild
- **Change in condition**

Melting point/Melting range:	-20°C
Boiling point/Boiling range:	193-223°C (DIN 51751)
- **Flash point:** >70°C (ISO 2592)
- **Ignition temperature:** >200°C (DIN 51794)
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.
- **Critical values for explosion:**

Lower:	0,4 Vol %
Upper:	6,5 Vol %
- **Vapor pressure at 20°C:** <1 hPa (DIN EN 12)
- **Density at 20°C:** 0,745 g/cm³ (DIN 51757)
- **Solubility in / Miscibility with Water at 20°C:** <0,1 g/l
- **Viscosity kinematic at 20°C:** 1,8 mm²/s (DIN 51562)

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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
Education of explosive mixtures possible in air when heating up over the flash point and/or with the spraying (atomise).
- **Dangerous reactions:** Reacts with strong oxidizing agents
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
Oral LD50 5000 mg/kg (rat)
Dermal LD50 2000 mg/kg (rab)
- **Primary irritant effect:**
- **On the skin:** light irritation possible
- **On the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known

12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is easily biodegradable.
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue:** 07 01 04 other organic solvents, washing liquids and mother liquors
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic):**
- **ADR/RID-GGVS/E Class -**
- **Maritime transport IMDG/GGVSea**
- **IMDG/GGVSea Class: -**
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class: -**
- **Transport/Additional information:** Not dangerous according to the above specifications.

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15 Regulatory informations

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV).
- **Code letter and hazard designation of product:**
Xn Harmful
- **Risk phrases:**
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
- **Safety phrases:**
2 Keep out of the reach of children.
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
36 Wear suitable protective clothing.
60 This material and its container must be disposed of as hazardous waste.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- **National regulations:**
Technical instructions (air):
Class: III Share in %:
- **Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

16 Other informations

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.