



# SAFETY DATA SHEET

## PG413A – DIESEL TREATMENT 350ml

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** PG413A– DIESEL TREATMENT 350ml  
**Company** Autogem Invicta Ltd.  
Unit 6 Space Business Park  
Abbey Road  
London  
NW10 7SU  
United Kingdom  
sales@autogem.co.uk  
www.AUTOGEM.CO.UK

**Tel** +44 (0) 20 8838 0910  
**Fax** +44 (0) 20 8838 1854

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**To people:** Preparation is classified as hazardous in the sense of directive 1999/45/EC. Product is flammable. Possible build up of flammable vapour/air mixture. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

**To the environment** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### 3. HAZARDS IDENTIFICATION

| Chemical name<br>content %                             | Symbol<br>Registration number(ECHA) | R-phrases<br>DNEL | EINECS, ELINCS<br>PNEC |
|--|-------------------------------------|-------------------|------------------------|
| Naphtha (petroleum),<br>hydrotreated heavy<br>80 - 100 | Xn                                  | 10-65-66          | 265-150-3              |
| 2-ethylhexyl nitrate<br>2,5 -< 10                      | Xn/N                                | 20-44-51-53-65    | 248-363-6              |

For complete wording of the R-phrases, refer to point 16.

### 4. FIRST AID MEASURES

**Inhalation** Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms. If the person is unconscious, place in a stable side position and consult a doctor.

**Eye contact** Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Skin contact** Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

**Ingestion**

Rinse the mouth thoroughly with water. Do not induce vomiting. Consult doctor immediately. Danger of aspiration. In case of vomiting, keep head low so that the stomach content does not reach the lungs. Immediate admittance to a hospital.

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

CO<sub>2</sub>, Exinction powder, Water jet spray,  
Large fire: Water jet spray  
Alcohol resistant foam, Cool container at risk with water.

**Extinguishing media which shall not be used for safety reasons**

High volume water jet

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire the following can develop:

Oxides of nitrogen, Oxides of carbon, Hydrocarbons, Toxic pyrolysis products.

Explosive vapour/air mixture, Dangerous vapours heavier than air.

In case of spreading near the ground, flashback to distance sources of ignition is possible.

**Special protective equipment for fire-fighters**

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply. According to size of fire. Full protection, if necessary

**Further information**

Dispose of contaminated extinction water according to official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. And for personal protection refer to point 8.

**Personal precautions:**

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping.

**Environmental precautions:**

Prevent from entering drainage system. If leakage occurs, dam up. Prevent surface and ground-water infiltration, as well as ground penetration. If accidental entry into drainage system occurs, inform responsible authorities.

**Methods for cleaning up:**

Collect using absorbent material (e.g. Universal binding medium, sand, kieselguhr, sawdust), and dispose of according to point 13. Ensure sufficient supply of air.

## 7. HANDLING AND STORAGE

**Handling:**

Ensure good ventilation. Avoid inhalation of the vapours. Avoid contact with eyes or skin. Keep away from sources of ignition - Do not smoke. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions.

**Storage:**

Store product closed and only in original packing. Not to be stored in gangways or stair wells. Solvent resistant floor. Do not store with oxidizing agents.

**Special storage conditions:**

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung"). Protect from direct sunlight and warming. Store in a well ventilated place. Store in a dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Chemical Name**

Naphtha (petroleum), hydrotreated heavy

Content %:80 -100

WEL-TWA: 1200 mg/m<sup>3</sup>

WEL-STEL: 2(II) (AGW)

(normal and branched chain >= C7)

(WEL), 600 mg/m<sup>3</sup> (AGW)

BMGV: --

Other information: ---

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period)  
 EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.  
 \*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

## Exposure controls

*Occupational exposure controls* Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here. General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedings. Respiratory protection: If OES or MEL is exceeded. Gas mask filter A (EN 14387)

*At high concentrations:* Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)  
 Observe wearing time limitations for respiratory protection equipment.

*Hand protection:* Solvent resistant protective gloves (EN 374). If applicable: Protective nitrile gloves (EN 374) Protective Neopren gloves (EN 374). Protective hand cream recommended.

*Eye protection:* Tight fitting protective goggles with side protection (EN 166).

*Skin protection:* Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments) Additional information on hand protection - No tests have been performed. Selection made for preparations according to the best available knowledge and information on the ingredients. Selection of materials derived from glove manufacturer's indications. Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

## Environmental exposure controls

n.a

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                |
|-----------------------------------|----------------|
| Physical state:                   | Liquid         |
| Colour:                           | Amber, Clear   |
| Odour:                            | Characteristic |
| pH-value undiluted:               | Not detected   |
| Boiling point/boiling range (°C): | > 100          |
| Melting point/melting range (°C): | Not detected   |
| Flash point (°C):                 | ~ 40           |
| Autoflammability:                 | No             |
| Minimum limit of explosion:       | 0, 6 Vol% *    |
| Maximum limit of explosion:       | 7, 0 Vol% *    |
| Product is not explosive.         |                |

Possible build up of explosive/highly flammable vapour/air mixture.

Vapour pressure: Not detected  
Density (g/ml): 0,782 g/cm<sup>3</sup>  
Water solubility: Insoluble  
Vapour density (air = 1): Not detected  
Viscosity: < 7 mm<sup>2</sup>/s (40°C)

\* Naphtha (petroleum), hydrotreated heavy

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** Stable when handled and stored correctly. Heating, open flame, ignition sources  
**Materials to avoid:** Avoid contact with strong oxidizing agents. Avoid contact with strong alkalis.  
**Hazardous decomposition products:** No decomposition when used as directed.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg): See point 15.  
Inhalation, LC50 rat inhal.(mg/l/4h): n.av.  
Skin contact, LD50 rat dermal (mg/kg): See point 15.  
Eye contact: n.av.

### Delayed and chronic effects

Sensitization: n.c.  
Carcinogenicity: n.c.  
Mutagenicity: n.c.  
Reproductive toxicity: n.c.  
Narcosis: n.c.

### Further information

The product was not tested.  
Classification according to calculation procedure.

**The following may occur:** Irritation of the eyes  
**With long-term contact:** Product removes fat. Dermatitis (skin inflammation)  
**Ingestion:** Gastrointestinal disturbances. Danger of aspiration. Lung damage.  
Oedema of the lungs  
**Inhalation:** Irritation of the respiratory tract. Dizziness. Headaches. Effects/damages the central nervous system. Unconsciousness

## 12. ECOLOGICAL INFORMATION

The product was not tested.  
Water hazard class (Germany): 2  
Self-classification: Yes (VwVwS)  
Persistence and degradability: Readily biodegradable \*  
Behaviour in sewage plants: Isolate as much as possible with an oil separator.  
According to the recipe, contains no AOX.  
Aquatic toxicity: See point 2.  
Ecological toxicity: n.av.  
Mobility: n.av.  
Accumulation: Concentration in organisms possible.

\* Naphtha (petroleum), hydrotreated heavy

## 13. DISPOSAL CONSIDERATIONS

### For the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 01 04 other organic solvents, washing liquids and mother liquors

14 06 03 other solvents and solvent mixes

Recommendation:

Pay attention to local and national official regulations

Implement substance recycling.

E.g. suitable incineration plant.

Do not dispose of with household waste.

### For contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Residues may present a risk of explosion.

## 14. TRANSPORT INFORMATION

### General statements

UN-Number: 3295

### Road/Rail-transport (ADR/RID)

Class/packing group: 3/III

UN 3295 HYDROCARBONS, LIQUID, N.O.S.

Classification code: F1

LQ: 7

### Transport by sea

IMDG-code: 3/III (class/packing group)

EmS: F-E, S-D

Marine Pollutant: n.a

HYDROCARBONS, LIQUID, N.O.S.

### Transport by air

IATA: 3/-/III (class/secondary danger/packing group)


Hydrocarbons, liquid, n.o.s.

### Additional information:

Danger code and packing code on request.

## 15. REGULATORY INFORMATION

### Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

|                        |   |   |
|------------------------|---|---|
| Symbols:               | Xn  |  |
| Indications of danger: | Harmful   |   |
| R-phrases:             | 10 Flammable.   |   |
|                        | 52/53 Harmful 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.  |   |
| S-phrases:             | 23. Do not breathe vapour/spray.  |   |
|                        | 24. Avoid contact with skin.  |   |

- |    |   |
|----|---|
| 35 | This material and its container must be disposed of in a safe way.                                      |
| 62 | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

Additions:

Naphtha (petroleum), hydrotreated heavy

Observe restrictions: Yes

Observe youth employment law (German regulation).

Observe law on protection of expectant mothers (German regulation).

Observe restrictive guidelines 76/769/EEC, 1999/51/EC, 1999/77/EC

VOC (1999/13/EC): 100%

## 16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 3 A

Revised points: n.a.

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3).

- |    |   |
|----|---|
| 10 | Flammable.  |
| 65 | Harmful: may cause lung damage if swallowed.                    |
| 65 | Also harmful: may cause lung damage if swallowed.               |
| 66 | Repeated exposure may cause skin dryness or cracking.           |
| 20 | Harmful by inhalation.  |
| 44 | Risk of explosion if heated under confinement.                  |
| 51 | Toxic to aquatic organisms.                                     |
| 53 | May cause long-term adverse effects in the aquatic environment. |

## Legend

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.