

# GeoAssist Limited

COSHH Assessment

Date: 01/12/2009

Assessed By: M Benson

Ref: CA20081

**Substance / Product :** Gas Oils and Diesel Fuels

**Approved Use(s):** Fuel for vehicles and stationary diesel engines (generators, plant) Outdoor use only

**Properties :** Flash Point Above 61°C Not classified as flammable  
Boiling Point 160 – 385°C

## Risk to Health

Hazardous Contents: Poly Aromatic Hydrocarbons (PAH), Fumes from combustion

Route of Exposure: Dermal  Inhalation   
Ingestion  Eyes

Degree of Risk: Minor Hazard, Mild irritant - Low Risk

Maximum Exposure Limit: NA Occupational Exposure Limit: NA

## Handling Precautions

1. Work Methods : Avoid any unnecessary contact and ensure good standards of hygiene. If contact is likely wear protective clothing

2. Controls : Ensure good ventilation. Outdoor use only

3. Protective Equipment Goggles / Visor  Gloves   
Coveralls  Respirator/Mask   
Other

## COSHH Assessment

Estimate of Risk to Health

Risk to health is adequately controlled if above precautions are in force

Risk to health requires above precautions and further actions detailed below

## COSHH Action Required

1. Maintenance of controls

2. Monitoring of exposures

3. Information to staff

4. Written instructions issued

5. Training required  Specify

6. Health Surveillance  Specify

7. Other controls  Specify

## Further Information

The following information is provided to assist in the safe handling, use & disposal of the materials described above

First Aid/ Hygiene  
Eyes Wash out thoroughly, seek medical advice if irritation continues  
Arrangements  
Inhalation Fumes irritate the nose & Throat remove affected person(s) to fresh air and seek medical advice.  
Dermal Wash skin with soap and water and launder contaminated clothing before reuse  
Ingestion Unlikely in normal use. Wash mouth out with water. Do not induce vomiting. Seek medical advice

Fire Precautions Not Classified as Flammable

Storage Store in Suitably designed storage tank / Container away from sources of heat and ignition. Not more than 200 Litres.

Transport Not more than 200 Litres in suitably designed metal storage containers

Spillage Contain and recover using suitable absorbent. Do not allow spill into drainage system. May damage Tar macadam. Treat spill as having some fire risk.

Waste Disposal Any waste product must be disposed of with a Licensed disposal carrier (evidence must be retained)

**For Further Information Contact:** The Safety co-ordinator GeoAssist Limited

Note: The general assessment and other information have been prepared from manufacturers and suppliers data. Safety in the use of any material is the responsibility of the users, and the information herein provided should only be used as a general guide.

# GeoAssist Limited

COSHH Assessment

Date: 01/12/2009

Assessed By: M Benson

Ref: CA20082

**Substance / Product :** Petrol

**Approved Use(s):** Fuel for vehicles and stationary engines (generators, power packs) Outdoor use only

**Properties :** Flash Point Above -40°C flammable  
Boiling Point 95°C

## Risk to Health

Hazardous Contents: Poly Aromatic Hydrocarbons (PAH), Fumes from combustion

Route of Exposure: Dermal  Inhalation   
Ingestion  Eyes

Degree of Risk: Hazard Flammable, irritant - Medium Risk

Maximum Exposure Limit: NA Occupational Exposure Limit: NA

## Handling Precautions

1. Work Methods : Avoid any unnecessary contact and ensure good standards of hygiene. Avoid contact. Keep well away from potential sources of ignition

2. Controls : Ensure good ventilation. Outdoor use only. Keep well away from potential sources of ignition. Keep containers sealed

3. Protective Equipment Goggles / Visor  Gloves   
Coveralls  Respirator/Mask   
Other

## COSHH Assessment

Risk to health is adequately controlled if above precautions are in force

Risk to health requires above precautions and further actions detailed below

## COSHH Action Required

- Maintenance of controls
- Monitoring of exposures
- Information to staff
- Written instructions issued
- Training required  Specify
- Health Surveillance  Specify
- Other controls  Specify

## Further Information

The following information is provided to assist in the safe handling, use & disposal of the materials described above

First Aid/ Hygiene  
Eyes Wash out thoroughly, seek medical advice if irritation continues  
Arrangements Inhalation Fumes irritate the nose & Throat remove affected person(s) to fresh air and seek medical advice.

Dermal Wash skin with soap and water and launder contaminated clothing before reuse

Ingestion Unlikely in normal use. Wash mouth out with water. Do not induce vomiting. Seek medical advice

Fire Precautions Classified Flammable Liquid Class B. Use powder or foam based extinguishing media

Storage Store in Suitably designed storage tank / Container away from sources of heat and ignition. Not more than 10 Litres.

Transport Not more than 10 Litres in suitably designed metal or plastic storage containers

Spillage Contain and recover using suitable absorbent. Do not allow spill into drainage system.. Treat spill as having a high fire risk.

Waste Disposal Any waste product must be disposed of with a Licensed disposal carrier (evidence must be retained)

**For Further Information Contact:** The Safety co-ordinator GeoAssist Limited

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# GeoAssist Limited

COSHH Assessment

Date: 01/12/2009

Assessed By: M Benson

Ref: CA20083

**Substance / Product :** Bleach based cleaning products and disinfectants

**Approved Use(s):** Cleaning of facilities and germ control

**Properties :** Liquid at room temperature  
Not flammable

## Risk to Health

Hazardous Contents: Chlorine based bleaching agent Sodium Hypochlorite  
Route of Exposure: Dermal  Inhalation   
Ingestion  Eyes   
Degree of Risk: Minor Hazard, Irritant - Low Risk  
Maximum Exposure Limit: NA Occupational Exposure Limit: NA

## Handling Precautions

1. Work Methods : Avoid any unnecessary contact and ensure good standards of hygiene. Avoid contact with skin and eyes.
2. Controls : Ensure good ventilation. Keep containers sealed and away from drinking liquid containers and food
3. Protective Equipment Goggles / Visor  Gloves   
Coveralls  Respirator/Mask   
Other

## COSHH Assessment

Estimate of Risk to Health

- Risk to health is adequately controlled if above precautions are in force   
Risk to health requires above precautions and further actions detailed below

## COSHH Action Required

1. Maintenance of controls
2. Monitoring of exposures
3. Information to staff
4. Written instructions issued
5. Training required  Specify
6. Health Surveillance  Specify
7. Other controls  Specify

## Further Information

The following information is provided to assist in the safe handling, use & disposal of the materials described above

First Aid/ Hygiene  
Eyes Wash out thoroughly, seek medical advice if irritation continues  
Arrangements  
Inhalation Fumes irritate the nose & Throat remove affected person(s) to fresh air and seek medical advice.  
Dermal Wash skin with soap and water and launder contaminated clothing before reuse  
Ingestion Unlikely in normal use. Wash mouth out with water. Do not induce vomiting. Seek medical advice  
Fire Precautions Not Flammable  
Storage Store in original shipping container ONLY and away from sources of extreme heat. Keep upright.  
Transport Store in original shipping container ONLY and keep upright where possible.  
Spillage Contain and recover using suitable absorbent.  
Waste Disposal Any waste product must be disposed of with a Licensed disposal carrier (evidence must be retained). Container can be recycled if rinsed first

**For Further Information Contact:** The Safety co-ordinator GeoAssist Limited

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# GeoAssist Limited

COSHH Assessment

Date: 01/12/2009

Assessed By: M Benson

Ref: CA20084

**Substance / Product :** Ordinary Portland Cement (Cement)

**Approved Use(s):** As a binder for aggregate products

**Properties :** Solid (powder) usually grey  
Not flammable

## Risk to Health

Hazardous Contents: Lime, Calcium Silicates, Alkalis, Soluble Chromium (VI)  
Route of Exposure: Dermal  Inhalation   
Ingestion  Eyes   
Degree of Risk: Hazard, Irritant dermatitis chemical burns. Risk of eye damage  
- Medium Risk  
Maximum Exposure Limit: NA Workplace Exposure Limit: 10mg.m<sup>-3</sup>

## Handling Precautions

1. Work Methods : Avoid any unnecessary contact and ensure good standards of hygiene. Avoid contact with skin and eyes.
2. Controls : Ensure good ventilation. Keep containers sealed and away from drinking liquid containers and food
3. Protective Equipment Goggles / Visor  Gloves   
Coveralls  Respirator/Mask   
Other

## COSHH Assessment

Estimate of Risk to Health

- Risk to health is adequately controlled if above precautions are in force   
Risk to health requires above precautions and further actions detailed below

## COSHH Action Required

1. Maintenance of controls Dust proof goggles should be worn where a risk of cement powder or slurry entering the eye exists.
2. Monitoring of exposures Verbal / written reporting to management
3. Information to staff
4. Written instructions issued
5. Training required  Specify
6. Health Surveillance  Specify
7. Other controls  Specify

## Further Information

*The following information is provided to assist in the safe handling, use & disposal of the materials described above*

First Aid/ Hygiene  
Eyes Wash out thoroughly with water, seek medical advice immediately  
Arrangements  
Inhalation Dry powder only, move to fresh air  
Dermal Wash skin with soap and water and launder contaminated clothing before reuse  
Ingestion Unlikely in normal use. Wash mouth out with water. Do not induce vomiting. Drink plenty of water  
Fire Precautions Not Flammable  
Storage Store in sealed bag in a dry location away from excessive draughts.  
Transport Keep upright where possible and stack in a safe and stable manner.  
Spillage Contain and recover in a dry state if possible. Minimise airborne dust.  
Waste Disposal Any waste product must be disposed of with a Licensed disposal carrier (evidence must be retained).

**For Further Information Contact:** The Safety co-ordinator GeoAssist Limited

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# GeoAssist Limited

COSHH Assessment

Date: 01/12/2009

Assessed By: M Benson

Ref: CA20085

**Substance / Product :** Bentonite

**Approved Use(s):** Hydraulic break layer

**Properties :** Solid (powder and granulated) Usually grey or light brown  
Not flammable

## Risk to Health

Hazardous Contents: Sodium, Calcium  
Route of Exposure: Dermal  Inhalation   
Ingestion  Eyes   
Degree of Risk: Inert product Hygroscopic - Low Risk  
Maximum Exposure Limit: NA Workplace Exposure Limit: NA

## Handling Precautions

1. Work Methods : Avoid any unnecessary contact (good practice) and ensure good standards of hygiene.
2. Controls : Keep bags sealed and away moisture sources
3. Protective Equipment Goggles / Visor  Gloves   
Coveralls  Respirator/Mask   
Other

## COSHH Assessment

Estimate of Risk to Health

- Risk to health is adequately controlled if above precautions are in force   
Risk to health requires above precautions and further actions detailed below

## COSHH Action Required

1. Maintenance of controls
2. Monitoring of exposures
3. Information to staff
4. Written instructions issued
5. Training required  Specify
6. Health Surveillance  Specify
7. Other controls  Specify

## Further Information

The following information is provided to assist in the safe handling, use & disposal of the materials described above

First Aid/ Hygiene  
Eyes Wash out thoroughly with water.  
Arrangements  
Inhalation Dry powder only, move to fresh air  
Dermal Wash skin with soap and water.  
Ingestion Unlikely in normal use. Wash mouth out with water. Do not induce vomiting.  
Fire Precautions Not Flammable  
Storage Store in sealed bag in a dry location.  
Transport Keep upright where possible and stack in a safe and stable manner.  
Spillage Contain and recover in a dry state if possible. Minimise airborne dust.  
Waste Disposal Any waste product must be disposed of with a Licensed disposal carrier (evidence must be retained).

**For Further Information Contact:** The Safety co-ordinator GeoAssist Limited

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# GeoAssist Limited

COSHH Assessment

Date: 01/12/2009

Assessed By: M Benson

Ref: CA20086

**Substance / Product :** Part synthetic and mineral oils all grades

**Approved Use(s):** Engine Lubricant for vehicles and plant including static generators

**Properties :** Liquid – New condition golden, Used condition Black  
Flash Point Above 135°C Not classified as flammable

## Risk to Health

Hazardous Contents: Petroleum Hydrocarbons, Aromatic/Aliphatic Hydrocarbons,

Route of Exposure: Dermal  Inhalation   
Ingestion  Eyes

Degree of Risk: Minor Hazard, Mild irritant - Low Risk

Maximum Exposure Limit: NA Workplace Exposure Limit: NA

## Handling Precautions

1. Work Methods : Avoid any unnecessary contact and ensure good standards of hygiene. If contact is likely wear protective clothing

2. Controls : Ensure good ventilation. Wear PPE and avoid spills

3. Protective Equipment Goggles / Visor  Gloves   
Coveralls  Respirator/Mask   
Other

## COSHH Assessment

Estimate of Risk to Health

Risk to health is adequately controlled if above precautions are in force

Risk to health requires above precautions and further actions detailed below

## COSHH Action Required

1. Maintenance of controls

2. Monitoring of exposures

3. Information to staff

4. Written instructions issued

5. Training required  Specify

6. Health Surveillance  Specify

7. Other controls  Specify

## Further Information

The following information is provided to assist in the safe handling, use & disposal of the materials described above

First Aid/ Hygiene Eyes Unlikely in normal use. Wash out thoroughly, seek medical advice if irritation continues

Arrangements Inhalation Unlikely in normal use. Fumes irritate the nose & Throat remove affected person(s) to fresh air and seek medical advice.

Dermal Wash skin with soap and water and launder contaminated clothing before reuse.

Ingestion Unlikely in normal use. Wash mouth out with water. Do not induce vomiting. Seek medical advice.

Fire Precautions Not Classified as Flammable

Storage Store in Suitably designed storage tank / Container away from sources of heat and ignition. Not more than 200 Litres.

Transport Not more than 200 Litres in suitably designed metal storage containers.

Spillage Contain and recover using suitable absorbent. Do not allow spill into drainage system. May damage Tar macadam. Treat spill as having some fire risk.

Waste Disposal Any waste product must be disposed of with a Licensed disposal carrier (evidence must be retained).

**For Further Information Contact:** The Safety co-ordinator GeoAssist Limited

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