SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Trade name ATLANTIS WG
Product code (UVP) 06402585

1.2 Relevant identified uses of the substance or mixture and uses advised against
Use Herbicide

1.3 Details of the supplier of the safety data sheet
Supplier Bayer CropScience Limited
230 Cambridge Science Park
Milton Road
Cambridge
Cambridgeshire CB4 0WB
United Kingdom
Telephone +44(0)1223 226500
Telefax +44(0)1223 426240
Responsible Department Email: ukinfo@bayercropscience.com

1.4 Emergency telephone no.
Emergency telephone no. 0800-220876 (UK 24 hr)
+44(0)1635-563000 (Overseas 24 hr)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Skin irritation: Category 2
H315 Causes skin irritation.

Serious eye damage: Category 1
H318 Causes serious eye damage.

Acute aquatic toxicity: Category 1
H400 Very toxic to aquatic life.

Chronic aquatic toxicity: Category 1
H410 Very toxic to aquatic life with long lasting effects.

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Xi Irritant, R38, R41
N Dangerous for the environment, R50/53

2.2 Label elements
Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.
Hazard label for supply/use required.

Hazardous components which must be listed on the label:
• Mesosulfuron-methyl
• Iodosulfuron-methyl-sodium
• Mefenpyr-diethyl

Signal word: Danger

Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.
H410 Very toxic to aquatic life with long lasting effects.
EUH208 Contains fatty alcohol ethoxylate alkyl ether. May produce an allergic reaction.
EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P338 IF exposed or concerned: Call a POISON CENTER/ doctor/ physician.
P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3 Other hazards
No other hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature
Water dispersible granules (WG)
Mesosulfuron-methyl/Iodosulfuron-methyl sodium/Mefenpyr-diethyl 3.0:0.6:9.0 % w/w

Hazardous components
R-phrase(s) according to EC directive 67/548/EEC
Hazard statements according to Regulation (EC) No. 1907/2006

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS-No. / EC-No.</th>
<th>Classification</th>
<th>Regulation (EC) No 1272/2008</th>
<th>Conc. [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesosulfuron-methyl</td>
<td>208465-21-8</td>
<td>N; R50/53</td>
<td>Aquatic Acute 1, H400</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td>606-653-3</td>
<td></td>
<td>Aquatic Chronic 1, H410</td>
<td></td>
</tr>
<tr>
<td>Iodosulfuron-methyl-sodium</td>
<td>144550-36-7</td>
<td>N; R50/53</td>
<td>Aquatic Acute 1, H400</td>
<td>0.60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 1, H410</td>
<td></td>
</tr>
<tr>
<td>Mefenpyr-diethyl</td>
<td>135590-91-9</td>
<td>Not classified</td>
<td>Not classified</td>
<td>9.00</td>
</tr>
<tr>
<td></td>
<td>603-923-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent Naphtha (petroleum), heavy aromatic</td>
<td>64742-94-5</td>
<td>Xn; R65</td>
<td>Asp. Tox. 1, H304</td>
<td>&gt; 2.50 – &lt; 25.00</td>
</tr>
<tr>
<td></td>
<td>265-198-5</td>
<td>R66</td>
<td>Aquatic Chronic 2, H411</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>N; R51/53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Skin contact
Wash off immediately with soap and plenty of water. Call a physician or poison control center immediately.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

Ingestion
Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment
Treat symptomatically. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. There is no specific antidote.
SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable: High volume water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire the following may be released: Hydrogen chloride (HCl), Hydrogen cyanide (hydrocyanic acid), Hydrogen iodide (HI), Carbon monoxide (CO), Sulphur oxides, Nitrogen oxides (NOx)

5.3 Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.

Further information

Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions

Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

6.2 Environmental precautions

Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

Use mechanical handling equipment. Clean contaminated floors and objects thoroughly, observing environmental regulations. Collect and transfer the product into a properly labelled and tightly closed container.

6.4 Reference to other sections

Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation.

Advice on protection against fire and explosion

No special precautions required.

Hygiene measures

Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling.
the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only.

Advice on common storage: Keep away from food, drink and animal feedingstuffs.

Suitable materials: Aluminium composite film (min. 0.007 mm Aluminium)

7.3 Specific end uses: Refer to the label and/or leaflet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodosulfuron-methyl-sodium</td>
<td>144550-36-7</td>
<td>1 mg/m3</td>
<td></td>
<td>OES BCS*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(TWA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mefenpyr-diethyl</td>
<td>135590-91-9</td>
<td>10 mg/m3</td>
<td></td>
<td>OES BCS*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(OES BCS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silica, amorphe (Inhalable dust.)</td>
<td>7631-86-9</td>
<td>6 mg/m3</td>
<td>12 2011</td>
<td>EH40 WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(TWA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silica, amorphe (Respirable dust.)</td>
<td>7631-86-9</td>
<td>2.4 mg/m3</td>
<td>12 2011</td>
<td>EH40 WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(TWA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kaolin (Respirable dust.)</td>
<td>1332-58-7</td>
<td>2 mg/m3</td>
<td>12 2011</td>
<td>EH40 WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(TWA)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

8.2 Exposure controls

Refer to COSHH assessment (Control of Substances Hazardous to Health (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to COSHH Essentials.

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection: Respiratory protection is not required under anticipated circumstances of exposure. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer’s instructions regarding wearing and maintenance.

Hand protection: Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness of 0.4 mm). Wash when contaminated and dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.
Eye protection: Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).

Skin and body protection: Wear standard coveralls and Category 3 Type 5 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- **Form**: water-dispersible granules
- **Colour**: brown
- **Odour**: aromatic
- **pH**: 8.5 - 9.5 at 10 % (23 °C) (deionized water)
- **Flammability (solid, gas)**: The product is not highly flammable.
- **Autoignition temperature**: 264 °C
- **Bulk density**: 0.635 - 0.745 g/ml (loose)
- **Water solubility**: dispersible
- **Partition coefficient: n-octanol/water**
  - Mesosulfuron-methyl: log Pow: -0.48
  - Iodosulfuron-methyl-sodium: log Pow: -0.7
  - Mefenpyr-diethyl: log Pow: 3.83 at 21 °C
- **Impact Sensitivity**: Not impact sensitive.
- **Combustion number**: CN2 Short flaring without spreading
- **Oxidizing properties**: No oxidizing properties
- **Dust content**: nearly dust-free

9.2 Other information: Further safety related physical-chemical data are not known.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

- **Thermal decomposition**: Stable under normal conditions.

10.2 Chemical stability

- **Stable under recommended storage conditions.**

10.3 Possibility of hazardous reactions

- **No hazardous reactions when stored and handled according to prescribed instructions.**
10.4 Conditions to avoid
Extremes of temperature and direct sunlight.

10.5 Incompatible materials
Store only in the original container.

10.6 Hazardous decomposition products
No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOCLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity
LD50 (rat) > 2,000 mg/kg

Acute inhalation toxicity
LC50 (rat) > 1.1 mg/l
Exposure time: 4 h
Determined in the form of liquid aerosol.
Highest attainable concentration.
No deaths

Acute dermal toxicity
LD50 (rat) > 5,000 mg/kg
Test conducted with a similar formulation.

Skin irritation
Irritating to skin. (rabbit)

Eye irritation
Severe eye irritation. (rabbit)

Sensitisation
Non-sensitizing. (mouse)
OECD Test Guideline 429, local lymph node assay (LLNA)
Test conducted with a similar formulation.

Assessment repeated dose toxicity
Mesosulfuron-methyl did not cause specific target organ toxicity in experimental animal studies.
Iodosulfuron-methyl-sodium did not cause specific target organ toxicity in experimental animal studies.
Mefenpyr-diethyl did not cause specific target organ toxicity in experimental animal studies.

Assessment Mutagenicity
Mesosulfuron-methyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Iodosulfuron-methyl-sodium was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Mefenpyr-diethyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment Carcinogenicity
Mesosulfuron-methyl was not carcinogenic in lifetime feeding studies in rats and mice.
Iodosulfuron-methyl-sodium was not carcinogenic in lifetime feeding studies in rats and mice.
Mefenpyr-diethyl was not carcinogenic in lifetime feeding studies in rats and mice.

Assessment toxicity to reproduction
Mesosulfuron-methyl did not cause reproductive toxicity in a two-generation study in rats.
Iodosulfuron-methyl-sodium did not cause reproductive toxicity in a two-generation study in rats.
Mefenpyr-diethyl did not cause reproductive toxicity in a two-generation study in rats.

Assessment developmental toxicity
Mesosulfuron-methyl did not cause developmental toxicity in rats and rabbits.
Iodosulfuron-methyl-sodium did not cause developmental toxicity in rats and rabbits.
Mefenpyr-diethyl caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Mefenpyr-diethyl are related to maternal toxicity.

Further information
The toxicological data refer to a similar formulation.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

**Toxicity to fish**

<table>
<thead>
<tr>
<th>Test Endpoint</th>
<th>Endpoint Value</th>
<th>Exposure Time</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 (Oncorhynchus mykiss (Rainbow trout))</td>
<td>7.5 g/l</td>
<td>96 h</td>
<td>Test conducted with a similar formulation.</td>
</tr>
</tbody>
</table>

**Toxicity to aquatic invertebrates**

<table>
<thead>
<tr>
<th>Test Endpoint</th>
<th>Endpoint Value</th>
<th>Exposure Time</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 (Water flea (Daphnia magna))</td>
<td>13.1 mg/l</td>
<td>48 h</td>
<td>Test conducted with a similar formulation.</td>
</tr>
</tbody>
</table>

**Toxicity to aquatic plants**

<table>
<thead>
<tr>
<th>Test Endpoint</th>
<th>Endpoint Value</th>
<th>Exposure Time</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 (Pseudokirchneriella subcapitata)</td>
<td>2.4 mg/l</td>
<td>72 h</td>
<td>Test conducted with a similar formulation.</td>
</tr>
<tr>
<td>EC50 (Lemna gibba (duckweed))</td>
<td>0.62 µg/l</td>
<td>7 d</td>
<td>The value mentioned relates to the active ingredient mesosulfuron-methyl.</td>
</tr>
<tr>
<td>EC50 (Lemna gibba (duckweed))</td>
<td>0.81 mg/l</td>
<td>14 d</td>
<td>The value mentioned relates to the active ingredient iodosulfuron-methyl-sodium.</td>
</tr>
<tr>
<td>EC50 (Lemna gibba (duckweed))</td>
<td>&gt; 12 mg/l</td>
<td>7 d</td>
<td>The value mentioned relates to the active ingredient mefenpyr-diethyl.</td>
</tr>
</tbody>
</table>

#### 12.2 Persistence and degradability

**Biodegradability**

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesosulfuron-methyl</td>
<td>Not rapidly biodegradable</td>
</tr>
<tr>
<td>Iodosulfuron-methyl-sodium</td>
<td>Not rapidly biodegradable</td>
</tr>
<tr>
<td>Mefenpyr-diethyl</td>
<td>Not rapidly biodegradable</td>
</tr>
</tbody>
</table>

**Koc**

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Koc (units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesosulfuron-methyl</td>
<td>92</td>
</tr>
<tr>
<td>Iodosulfuron-methyl-sodium</td>
<td>45</td>
</tr>
<tr>
<td>Mefenpyr-diethyl</td>
<td>625</td>
</tr>
</tbody>
</table>

#### 12.3 Bioaccumulative potential

**Bioaccumulation**

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Bioaccumulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesosulfuron-methyl</td>
<td>Does not bioaccumulate.</td>
</tr>
<tr>
<td>Iodosulfuron-methyl-sodium</td>
<td>Does not bioaccumulate.</td>
</tr>
<tr>
<td>Mefenpyr-diethyl</td>
<td>Bioconcentration factor (BCF) 232</td>
</tr>
</tbody>
</table>

#### 12.4 Mobility in soil

**Mobility in soil**

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>Mobility in soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesosulfuron-methyl</td>
<td>Moderately mobile in soils</td>
</tr>
<tr>
<td>Iodosulfuron-methyl-sodium</td>
<td>Mobile in soils</td>
</tr>
<tr>
<td>Mefenpyr-diethyl</td>
<td>Slightly mobile in soils</td>
</tr>
</tbody>
</table>

#### 12.5 Results of PBT and vPvB assessment


PBT and vPvB assessment
Mesosulfuron-methyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).
Iodosulfuron-methyl-sodium: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).
Mefenpyr-diethyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

12.6 Other adverse effects
Additional ecological information
No other effects to be mentioned.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Product
In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant. Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

Contaminated packaging
Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times. Add washings to sprayer at time of filling. Dispose of empty and cleaned packaging safely. Large containers (> 25 l or > 25 kg) should not be rinsed or re-used for any other purpose. Return large containers to supplier. Follow advice on product label and/or leaflet.

Waste key for the unused product 020108 agrochemical waste containing dangerous substances

SECTION 14: TRANSPORT INFORMATION

ADR/RID/ADN
14.1 UN number 3077
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IODOSULFURON-METHYL SODIUM, MESOSULFURON-METHYL, SOLVENT NAPTHA (PETROLEUM) HEAVY AROMATIC MIXTURE)
14.3 Transport hazard class(es) 9
14.4 Packing group III
14.5 Environm. Hazardous Mark YES
Hazard no. 90
Tunnel Code E

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.
IMDG
14.1 UN number 3077
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IODOSULFURON-METHYL SODIUM, MESOSULFURON-METHYL, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC MIXTURE)
14.3 Transport hazard class(es) 9
14.4 Packing group III
14.5 Marine pollutant YES

IATA
14.1 UN number 3077
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IODOSULFURON-METHYL SODIUM, MESOSULFURON-METHYL, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC MIXTURE )
14.3 Transport hazard class(es) 9
14.4 Packing group III
14.5 Environm. Hazardous Mark YES

UK 'Carriage' Regulations
14.1 UN number 3077
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IODOSULFURON-METHYL SODIUM, MESOSULFURON-METHYL, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC MIXTURE)
14.3 Transport hazard class(es) 9
14.4 Packing group III
14.5 Environm. Hazardous Mark YES
14.6 Special precautions for user
See sections 6 to 8 of this Safety Data Sheet.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No transport in bulk according to the IBC Code.

SECTION 15: REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

UK and Northern Ireland Regulatory References
This material may be subject to some or all of the following regulations (and any subsequent amendments). Users must ensure that any uses and restrictions as indicated on the label and/or leaflet are followed.

Transport
Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No 1348)
Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997 (SI 1997 No 2367)

Supply and Use
Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716)
Chemical (Hazard Information and Packaging for Supply) (Northern Ireland) Regulations 2009
Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No 2677)
EH40 Occupational Exposure Limits - Table 1 List of approved workplace exposure limits
Control of Pesticide Regulations 1986
Dangerous Substances and Explosive Atmospheres Regulations 2002

Waste Treatment
Environmental Protection Act 1990, Part II
Environmental Protection (Duty of Care) Regulations 1991
The Waste Management Licensing Regulations 1994 (as amended)
Hazardous Waste Regulations 2005 (Replacing Special Waste Regulations 1996 as amended)
Landfill Directive
Regulation on Substances That Deplete the Ozone Layer 1994 (EEC/3093/94)
Water Resources Act 1991
Anti-Pollution Works Regulations 1999

Further information
WHO-classification: III (Slightly hazardous)

15.2 Chemical Safety Assessment
A chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION

Text of R-phrases mentioned in Section 3
R21 Harmful in contact with skin.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

Text of the hazard statements mentioned in Section 3
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

The above information is intended to give general health and safety guidance on the storage and transport of the product.
It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.