PARADISE SDS: SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:
Product name: Paradise

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

1.2.2 Uses advised against
No uses advised against known

1.3 Details of the supplier of the safety data sheet:
Pan Amenity Ltd
8 Cromwell Mews, Station Road
St Ives, Cambridgeshire
PE27 5HJ
01480 467790

1.4 Emergency telephone number:
24 Hour Emergency Contact (NPIS): 0844 892 0111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:
2.1.1 Classification according to Regulation EC No 1272/2008
Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

<table>
<thead>
<tr>
<th>Class</th>
<th>Category</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute</td>
<td>Category 1</td>
<td>H400: Very toxic to aquatic life.</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>Category 1</td>
<td>H410: Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC
Classified as dangerous in accordance with the criteria of Directives 67/548/EEC and 1999/45/EC
N; R50-53 - Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

2.2 Label elements:
Labelling according to Regulation EC No 1272/2008 (CLP)
Signal word: Warning
H-statements
H410 – Very toxic to aquatic life with long lasting effects.
P-statements
P273 – Avoid release to the environment
P391 – Collect spillage
P501 – Dispose of contents / container to manufacturer / competent authority

2.3 Other hazards:
CLP - No other hazards known
SECTION 3: Composition/information on ingredients

3.1 Substances:
Not applicable

3.2 Mixtures:

<table>
<thead>
<tr>
<th>Name (REACH Registration No)</th>
<th>CAS No</th>
<th>Conc. (%)</th>
<th>Classification according to DSD/DPD</th>
<th>Classification according to CLP</th>
<th>Note</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flazasulfuron (-)</td>
<td>104040-78-0</td>
<td>26.6%</td>
<td>N, R50-53</td>
<td>Aquatic Acute 1; H400 Aquatic Chronic 1; H410</td>
<td>(1)</td>
<td>Constituent</td>
</tr>
<tr>
<td>Methylenehexysulfonic acid / formaldehyde, copolymer, sodium salt (-)</td>
<td>81065-51-2</td>
<td>4.9%&lt;C&lt;5.6%</td>
<td>Xi; R41</td>
<td>Eye Dam. 1; H318</td>
<td>(1)</td>
<td>Constituent</td>
</tr>
<tr>
<td>Sodium diisopropynaphthalenesulphonate (-)</td>
<td>1322-93-6 215-343-3</td>
<td>C&lt;5%</td>
<td>Xn; R20/22 Xi; R36/37</td>
<td>Acute Tox. 4; H332 Acute Tox. 4; H302 Eye Irrit. 2; H319 STOT SE 3; H335</td>
<td>(1)</td>
<td>Constituent</td>
</tr>
</tbody>
</table>

(1) For R-phrases and H-statements in full: see heading 16

SECTION 4: First aid measures

4.1 Description of first aid measures:

General:
If you feel unwell, seek medical advice.

After inhalation:
Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

After skin contact:
Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.

After eye contact:
Rinse with water. Take victim to an ophthalmologist if irritation persists.

After ingestion:
Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed:

4.2.1 Acute symptoms

After inhalation:
Unlikely to cause harmful effects.

After skin contact:
Not irritating.

After eye contact:
Not irritating.

After ingestion:
Unlikely to cause harmful effects.

4.2.2 Delayed symptoms

No effects known.

4.3 Indication of any immediate medical attention and special treatment needed:

If applicable and available it will be listed below.

SECTION 5: Firefighting measures
5.1 Extinguishing media:
5.1.1 Suitable extinguishing media:
5.1.2 Unsuitable extinguishing media:
Solid water jet ineffective as extinguishing medium.
5.2 Special hazards arising from the substance or mixture:
On heating/burning: release of toxic and corrosive gases/vapours e.g.: nitrous vapours, hydrofluoric acid, sulphur oxides, carbon monoxide - carbon dioxide.
5.3 Advice for firefighters:
5.3.1 Instructions:
Dilute toxic gases with water spray. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.
5.3.2 Special protective equipment for fire-fighters:

SECTION 6: Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures:
6.1.1 Protective equipment for non-emergency personnel
See heading 8.2
6.1.2 Protective equipment for emergency responders
Suitable protective clothing
See heading 8.2
6.2 Environmental precautions:
Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill. Knock down/dilute dust cloud with water spray. Prevent soil and water pollution. Prevent spreading in sewers.
6.3 Methods and material for containment and cleaning up:
Stop dust cloud by covering with sand/earth. Scoop solid spill into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.
6.4 Reference to other sections:
See heading 13.

SECTION 7: Handling and storage
The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.
7.1 Precautions for safe handling:
Avoid raising dust. Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed. Do not discharge the waste into the drain.
7.2 Conditions for safe storage, including any incompatibilities:
7.2.1 Safe storage requirements:
Keep only in the original container. Meet the legal requirements.
7.2.2 Keep away from:
Heat sources.
7.2.3 Suitable packaging material:
No data available
7.2.4 Non suitable packaging material:
No data available
7.3 Specific end use(s):
If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer. The product will only be used as herbicide.

SECTION 8: Exposure controls/personal protection
8.1 Control parameters:
8.1.1 Occupational exposure
a) Occupational exposure limit values
If limit values are applicable and available these will be listed below.
b) National biological limit values
If limit values are applicable and available these will be listed below.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Test</th>
<th>Number</th>
</tr>
</thead>
</table>

Pan Amenity Ltd – Spring 2015
8.1.3 Applicable limit values when using the substance or mixture as intended
If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values
If applicable and available it will be listed below.

8.1.5 Control banding
If applicable and available it will be listed below.

8.2 Exposure controls:
The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls
Avoid raising dust. Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment
Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

Respiratory protection:
Dust production; dust mask with filter type P1
Hand protection
Gloves.
Materials for protective clothing (good resistance)
Rubber, PVC, Plastics
Eye Protection
Safety glasses. In case of dust production: protective goggles.
Skin Protection
Protective clothing

8.2.3 Environmental exposure controls:
See headings 6.2, 6.3 and 13

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Grains</td>
</tr>
<tr>
<td>Odour</td>
<td>Cinnamon Odour</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Colour</td>
<td>Brown</td>
</tr>
<tr>
<td>Particle size</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available on direct fire hazard</td>
</tr>
<tr>
<td>Log Kow</td>
<td>Not applicable (mixture)</td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Ether; no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.84</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No chemical group associated with explosive properties</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No chemical group associated with oxidising properties</td>
</tr>
<tr>
<td>pH</td>
<td>5.1 ; 1%</td>
</tr>
</tbody>
</table>

Physical hazards
No physical hazard class

9.2 Other information:
Absolute density: 840 kg/m³

SECTION 10: Stability and reactivity
10.1 Reactivity:
Substance has acid reaction.
10.2 Chemical stability:
Stable under normal conditions.

10.3 Possibility of hazardous reactions:
No data available.

10.4 Conditions to avoid:
Avoid raising dust. Keep away from naked flames/heat.

10.5 Incompatible materials:
No data available.

10.6 Hazardous decomposition products:
On heating/burning: release of toxic and corrosive gases/vapours e.g.: nitrous vapours, hydrofluoric acid, sulphur oxides, carbon monoxide - carbon dioxide.

SECTION 11: Toxicological information

11.1.1 Test results

Acute Toxicity

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Gender</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50</td>
<td></td>
<td>4800 mg/kg</td>
<td></td>
<td>Rat</td>
<td></td>
<td>Experimental Value</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td></td>
<td>&gt;2000 mg/kg</td>
<td></td>
<td>Rat</td>
<td></td>
<td>Experimental Value</td>
</tr>
<tr>
<td>Inhalation</td>
<td>LC50</td>
<td></td>
<td>&gt;6.17 mg/l</td>
<td>4h</td>
<td>Rat</td>
<td></td>
<td>Experimental Value</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Exposure time</th>
<th>Species</th>
<th>Gender</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50</td>
<td></td>
<td>&gt;5000 mg/kg</td>
<td></td>
<td>Rat</td>
<td></td>
<td>Experimental Value</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td></td>
<td>&gt;2000 mg/kg</td>
<td></td>
<td>Rat</td>
<td></td>
<td>Experimental Value</td>
</tr>
<tr>
<td>Inhalation</td>
<td>LC50</td>
<td></td>
<td>&gt;5.99 mg/l</td>
<td>4h</td>
<td>Rat</td>
<td></td>
<td>Experimental Value</td>
</tr>
</tbody>
</table>

Classification of the mixture is based on test data on the mixture as a whole

Conclusion
Low acute toxicity by the oral route
Low acute toxicity by the dermal route
Low acute toxicity by the inhalation route

Corrosion/Irritation

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Time Point</th>
<th>Species</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Not irritating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Study</td>
</tr>
<tr>
<td>Skin</td>
<td>Not irritating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Study</td>
</tr>
</tbody>
</table>

Classification of the mixture is based on test data on the mixture as a whole

Conclusion
Not classified as irritating to the skin
Not classified as irritating to the eyes

Respiratory or skin sensitisation

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Time Point</th>
<th>Species</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAZASULFURON 25% WG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Study</td>
</tr>
</tbody>
</table>

Classification of the mixture is based on test data on the mixture as a whole

Conclusion
Not classified as sensitising to the skin
Not classified as sensitising to the eyes

Specific target organ toxicity

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Time Point</th>
<th>Species</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAZASULFURON 25% WG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Study</td>
</tr>
</tbody>
</table>

Classification of the mixture is based on test data on the mixture as a whole

Conclusion
No data available

Mutagenicity (in vitro)

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Time Point</th>
<th>Species</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAZASULFURON 25% WG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Study</td>
</tr>
</tbody>
</table>

Classification of the mixture is based on test data on the mixture as a whole

Conclusion
No data available

Mutagenicity (in vivo)

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result</th>
<th>Method</th>
<th>Exposure time</th>
<th>Time Point</th>
<th>Species</th>
<th>Value Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAZASULFURON 25% WG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Literature Study</td>
</tr>
</tbody>
</table>
No (test) data on the mixture available

**Carcinogenicity**
FLAZASULFURON 25% WG
No (test) data on the mixture available

**Reproductive toxicity**
FLAZASULFURON 25% WG
No (test) data on the mixture available

**Conclusion CMR**
Not classified for reprotoxic or developmental toxicity
Not classified for mutagenic or genotoxic toxicity
Not classified for carcinogenicity

**Toxicity other effects**
FLAZASULFURON 25% WG
No (test) data on the mixture available

**Chronic effects from short and long-term exposure**
FLAZASULFURON 25% WG
No effects known.

**11.1.2 Other information**
FLAZASULFURON 25% WG
No (test) data on the mixture available

### SECTION 12: Ecological information
#### 12.1 Toxicity
**FLAZASULFURON 25% WG**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Duration</th>
<th>Species</th>
<th>Test design</th>
<th>Fresh / salt water</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity fishes</td>
<td>LC50</td>
<td>&gt;100 mg/l</td>
<td>96h</td>
<td>Oncorhynchus mykiss</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity invertebrates</td>
<td>LC50</td>
<td>&gt;400 mg/l</td>
<td>96h</td>
<td>Lepomis macrochirus</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity invertebrates</td>
<td>EC50</td>
<td>&gt;100 mg/l</td>
<td>48h</td>
<td>Daphia magna</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxicity algae and other aquatic plants</td>
<td>EC50</td>
<td>0.025 mg/l</td>
<td>72h</td>
<td>Selenastrum capricornutum</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FLAZASULFURON**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Duration</th>
<th>Species</th>
<th>Test design</th>
<th>Fresh / salt water</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity fishes</td>
<td>LC50</td>
<td>22 mg/l</td>
<td>96h</td>
<td>Oncorhynchus mykiss</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity invertebrates</td>
<td>LC50</td>
<td>&gt;98 mg/l</td>
<td>96h</td>
<td>Lepomis macrochirus</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity invertebrates</td>
<td>EC50</td>
<td>&gt;106 mg/l</td>
<td>48h</td>
<td>Daphia magna</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toxicity algae and other aquatic plants</td>
<td>EC50</td>
<td>0.045 mg/l</td>
<td>72h</td>
<td>Selenastrum capricornutum</td>
<td>Experimental value</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Classification of the mixture is based on test data on the mixture as a whole
**Conclusion**
Slightly harmful to fishes
Slightly harmful to invertebrates (Daphnia)
Highly toxic to algae
May cause long-term adverse effects in the aquatic environment

### 12.2 Persistence and degradability:
**FLAZASULFURON**
**Half-life soil (t1/2 soil)**

<table>
<thead>
<tr>
<th>Method</th>
<th>Value</th>
<th>Primary degradation / mineralisation</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Conclusion**
Contains non readily biodegradable component(s)

### 12.3 Bioaccumulative potential:
**FLAZASULFURON 25% WG**
**Log Kow**

<table>
<thead>
<tr>
<th>Method</th>
<th>Remark</th>
<th>Value</th>
<th>Temperature</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable (mixture)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FLAZASULFURON**
**Log Kow**

<table>
<thead>
<tr>
<th>Method</th>
<th>Remark</th>
<th>Value</th>
<th>Temperature</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt;1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Methylnaphthalenesulfonic acid/formaldehyde, copolymer, sodium salt**
**Log Kow**

<table>
<thead>
<tr>
<th>Method</th>
<th>Remark</th>
<th>Value</th>
<th>Temperature</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Conclusion**
No straightforward conclusion can be drawn based upon the available numerical values

### 12.4 Mobility in soil:
**FLAZASULFURON 25% WG**
**(log) Koc**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>flazasulfuron</td>
<td></td>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Method</th>
<th>Value</th>
<th>Value determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Koc</td>
<td></td>
<td>46.16</td>
<td>Experimental value</td>
</tr>
</tbody>
</table>

**Conclusion**
No straightforward conclusion can be drawn based upon the available numerical values.

### 12.5 Results of PBT and vPvB assessment:
Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No. 1907/2006.

### 12.6 Other adverse effects:
**FLAZASULFURON 25% WG**
**Global warming potential (GWP)**
None of the known components is included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

**Ozone-depleting potential (ODP)**
Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)
SECTION 13: Disposal considerations
The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1 Waste treatment methods:
13.1.1 Provisions relating to waste
02 01 08* (agrochemical waste containing dangerous substances). Hazardous waste according to Directive 2008/98/EC.

13.1.2 Disposal methods
Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into surface water.

13.1.3 Packaging/Container
15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR)
14.1 UN number:
UN number: 3077
14.2 UN proper shipping name:
Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Techn. / chem. Name ADR: flazasulfuron
14.3 Transport hazard class(es):
Hazard identification number: 90
Class: 9
Classification Code: M7
14.4 Packing group:
Packing group: III
Labels: 9
14.5 Environmental hazards:
Environmentally hazardous substance mark: Yes
14.6 Special precautions for user:
Special Provisions: 274
Special Provisions: 335
Special Provisions: 601
Limited Quantities: Combination packagings: not more than 5 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

Rail (RID)
14.1 UN number:
UN number: 3077
14.2 UN proper shipping name:
Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Techn. / chem. Name ADR: flazasulfuron
14.3 Transport hazard class(es):
Hazard identification number: 90
Class: 9
Classification Code: M7
14.4 Packing group:
Packing group: III
Labels: 9
14.5 Environmental hazards:
Environmentally hazardous substance mark: Yes
14.6 Special precautions for user:
Special Provisions: 274
Special Provisions: 335
Special Provisions: 601
Limited Quantities: Combination packagings: not more than 5 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

Inland Waterways (AND)
14.1 UN number:
UN number: 3077

14.2 UN proper shipping name:
Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Techn. / chem. Name ADR: flazasulfuron

14.3 Transport hazard class(es):
Class: 9
Classification Code: M7

14.4 Packing group:
Packing group: III
Labels: 9

14.5 Environmental hazards:
Environmentally hazardous substance mark: Yes

14.6 Special precautions for user:
Special Provisions: 274
Special Provisions: 335
Special Provisions: 601
Limited Quantities: Combination packagings: not more than 5 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

Sea (IMDG)
14.1 UN number:
UN number: 3077

14.2 UN proper shipping name:
Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Techn. / chem. Name ADR: flazasulfuron

14.3 Transport hazard class(es):
Class: 9

14.4 Packing group:
Packing group: III
Labels: 9

14.5 Environmental hazards:
Marine Pollutant: P
Environmentally hazardous substance mark: Yes

14.6 Special precautions for user:
Special Provisions: 274
Special Provisions: 335
Limited Quantities: Combination packagings: not more than 5 kg per inner packaging for solids. A package shall not weigh more than 30 kg. (gross mass)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
Annex II of MARPOL 73/78: Not applicable based on available data.

Air (ICAO-TI / IATA-DGR)
14.1 UN number:
UN number: 3077

14.2 UN proper shipping name:
Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Techn. / chem. Name ADR: flazasulfuron

14.3 Transport hazard class(es):
Class: 9

14.4 Packing group:
Packing group: III
Labels: 9

14.5 Environmental hazards:
Environmentally hazardous substance mark: Yes

14.6 Special precautions for user:
Special Provisions: A97
Special Provisions: A158
Special Provisions: A179
Passenger and cargo transport: limited quantities: maximum net quantity per packaging: 30kg G

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture:
European legislation:
Volatile organic compounds (VOC) 0%

National legislation
The Netherlands
Waterbezwaarlijkheid: 4
Waste Identification (the Netherlands): LWCA (the Netherlands): KGA Category 03
Germany
WGK: 2: Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährrender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

15.2 Chemical Safety Assessment:
No chemical safety assessment has been conducted.

SECTION 16: Other information
Labels: Dangerous for the environment

R-phrases
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases
35 This material and its container must be disposed of in a safe way
57 Use appropriate container to avoid environmental contamination

Full text of any R-phrases referred to under headings 2 and 3:
R20/22 Harmful by inhalation and if swallowed
R36/37 Irritating to eyes and respiratory system
R41 Risk of serious damage to eyes
R50 Very toxic to aquatic organisms
R53 May cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

PBT-substances = persistent, bioaccumulative and toxic substances
DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)