

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

### 1.1. Product identifier

|                             |                                  |
|-----------------------------|----------------------------------|
| CA Code (Nufarm)            | : 3368                           |
| Product code                | : R895A                          |
| Oracle Recipe Code (Nufarm) | : OR3368                         |
| Item codes                  | : 100009779;100009781;100009783; |
| Product form                | : Mixture                        |
| Trade name                  | : CLINIC UP                      |
| Type (Nufarm)               | : Country Specific               |
| Country (Nufarm)            | : United Kingdom                 |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

|                                  |                    |
|----------------------------------|--------------------|
| Main use category                | : Professional use |
| Industrial/Professional use spec | : Herbicide        |
| Use of the substance/mixture     | :                  |

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

Nufarm UK Limited  
Wyke Lane  
Wyke  
BD12 9EJ Bradford - UK  
T +44 (0)1274 691234 - F +44 (0) 1274691176  
[infouk@uk.nufarm.com](mailto:infouk@uk.nufarm.com)

### 1.4. Emergency telephone number

Emergency number : +44 (0)1274 696603

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

|                                |   |
|--------------------------------|---|
| Signal word (CLP)              | : -   |
| Hazardous ingredients          | : GLYPHOSATE IPA SALT   |
| Hazard statements (CLP)        | : Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008   |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.<br>P261 - Avoid breathing spray, mist, fume.<br>P270 - Do not eat, drink or smoke when using this product.<br>P280 - Wear protective gloves, protective clothing, face protection, eye protection.<br>P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| EUH-statements                 | : EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.  |

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                           | Product identifier                         | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------------------------|--|-------|---|
| Glyphosate isopropylamine salt | (CAS-No.) 38641-94-0<br>(EC-No.) 254-056-8 | 30-60 | Aquatic Chronic 2, H411   |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell. Rinse mouth. Drink plenty of water. Do not induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides. Phosphorous oxide.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Protect against frost.  
Maximum storage period : 2 year  
Information on mixed storage : Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.  
Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

Herbicide.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

#### Hand protection:

Protective gloves

| Type            | Material             | Permeation       | Thickness (mm) | Penetration | Standard |
|-----------------|----------------------|------------------|----------------|-------------|----------|
| Reusable gloves | Butyl rubber         | 3 (> 60 minutes) |                | 3 (> 0.65)  | EN 374   |
| Reusable gloves | Nitrile rubber (NBR) | 3 (> 60 minutes) |                | 3 (> 0.65)  | EN 374   |

#### Eye protection:

Chemical goggles or safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Wash hands before breaks and after work. Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : Yellow. dark orange.  
Odour : mild. Amine-like.  
Odour threshold : No data available  
pH : 5  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : Not applicable  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available

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|                                  |                                |
|----------------------------------|--------------------------------|
| Decomposition temperature        | : No data available            |
| Flammability (solid, gas)        | : Not applicable               |
| Vapour pressure                  | : No data available            |
| Relative vapour density at 20 °C | : No data available            |
| Relative density                 | : No data available            |
| Density                          | : 1.171 g/cm <sup>3</sup> 20°C |
| Solubility                       | : Water: completely miscible   |
| Log Pow                          | : -3.2 Glyphosate (25°C)       |
| Viscosity, kinematic             | : No data available            |
| Viscosity, dynamic               | : 32.4 mPa·s 20°C              |
| Explosive properties             | : No data available            |
| Oxidising properties             | : No data available            |
| Explosive limits                 | : No data available            |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). High temperature.

### 10.5. Incompatible materials

Galvanised containers. Mild steel. Gives off hydrogen by reaction with metals.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Combustion produces toxic gases. Nitrogen oxides. Carbon monoxide. Carbon monoxide. Phosphorous oxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| CLINIC UP                                   |  |
|---|--|
| LD50 oral rat                               | > 2000 mg/kg   |
| LD50 dermal                                 | > 2000 mg/kg   |
| Glyphosate isopropylamine salt (38641-94-0) |  |
| LD50 oral rat                               | > 5000 mg/kg   |
| LD50 dermal rat                             | > 5000 mg/kg   |
| Acute toxicity (oral)                       | : Not classified   |
| Acute toxicity (dermal)                     | : Not classified   |
| Acute toxicity (inhalation)                 | : Not classified   |
| Skin corrosion/irritation                   | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 5   |
| Serious eye damage/irritation               | : Slightly irritant but not relevant for classification (Based on available data, the classification criteria are not met)<br>pH: 5  |
| Respiratory or skin sensitisation           | : Not classified (Based on available data, the classification criteria are not met)  |
| Germ cell mutagenicity                      | : Not classified (Based on available data, the classification criteria are not met)  |
| Carcinogenicity                             | : Not classified (The European Chemicals Agency (ECHA) as well as the European Food Safety Agency (EFSA) and other regulatory agencies around the world (EPA, APVMA, JMPR administered jointly by FAO and WHO) classified glyphosate as non-carcinogenic on a risk-based evaluation. The International Agency for Research on Cancer (IARC) classified glyphosate as "probably carcinogenic to humans" (Group 2A) on hazard-based evaluation. Both EFSA and ECHA considered in their respective review the IARC evaluation resulting in non-carcinogenic classification of glyphosate) |

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|                        |   |
|------------------------|---|
| Reproductive toxicity  | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure   | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard      | : Not classified (Based on available data, the classification criteria are not met) |

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|                      |                                |
|----------------------|--------------------------------|
| Viscosity, kinematic | 27.66865927 mm <sup>2</sup> /s |
|----------------------|--------------------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

|                          |   |
|--------------------------|---|
| Ecology - general        | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Acute aquatic toxicity   | : Not classified  |
| Chronic aquatic toxicity | : Not classified  |

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|                    |            |
|--------------------|------------|
| LC50 96h fish      | > 100 mg/l |
| EC50 48h crustacea | > 100 mg/l |
| EC50 72h algae     | > 100 mg/l |

### Glyphosate isopropylamine salt (38641-94-0)

|                                    |   |
|------------------------------------|---|
| LC50 96h fish                      | > 1000 mg/l                                     |
| EC50 48h crustacea                 | 930 mg/l  |
| EC50 72h algae                     | 72.9 mg/l                                       |
| LD50, Birds                        | > 2000 mg/kg ((tested substance :, glyphosate)) |
| LD50, Dermal, Apis mellifera (bee) | > 100 µg/bee ((tested substance :, glyphosate)) |
| LD50, oral, Apis mellifera (bee)   | > 100 µg/bee ((tested substance :, glyphosate)) |

### 12.2. Persistence and degradability

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|                               |                |
|-------------------------------|----------------|
| Persistence and degradability | Biodegradable. |
|-------------------------------|----------------|

### Glyphosate isopropylamine salt (38641-94-0)

|                               |  |
|-------------------------------|--|
| Persistence and degradability | glyphosate (ISO); N-(phosphonomethyl)glycine. Not readily biodegradable. |
| Biodegradation                | DT50 24h (water); 1.041h (soil)  |

### 12.3. Bioaccumulative potential

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|                           |                        |
|---------------------------|------------------------|
| Log Pow                   | -3.2 Glyphosate (25°C) |
| Bioaccumulative potential | No available data.     |

### Glyphosate isopropylamine salt (38641-94-0)

|         |   |
|---------|---|
| Log Pow | < -3.2 glyphosate (ISO); N-(phosphonomethyl)glycine |
|---------|---|

### 12.4. Mobility in soil

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|                  |                   |
|------------------|-------------------|
| Mobility in soil | No data available |
|------------------|-------------------|

### 12.5. Results of PBT and vPvB assessment

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|  |
|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                   |   |
|-----------------------------------|---|
| Waste treatment methods           | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| European List of Waste (LoW) code | : 02 01 08* - agrochemical waste containing dangerous substances                              |

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### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG          | IATA          |
|---|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |
| Not regulated                           | Not regulated | Not regulated |
| No supplementary information available  |               |               |

### 14.6. Special precautions for user

#### - Overland transport

Not regulated

#### - Transport by sea

Not regulated

#### - Air transport

Not regulated

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Indication of changes:

| Section | Changed item                 | Change   | Comments   |
|---------|------------------------------|----------|--|
| 11.1    | Reason for no classification | Modified | 10/07/2019 Included the new classification phrase for Glyphosate |

Full text of H- and EUH-statements:

|                   |   |
|-------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2                         |
| H411              | Toxic to aquatic life with long lasting effects.  |
| EUH401            | To avoid risks to human health and the environment, comply with the instructions for use. |

NUFARM SDS TEMPLATE

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*