

# SAFETY DATA SHEET

## Barclay Mascot Hi-Aktiv

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

#### 1.1. Product identifier

Product Name                                      Barclay Mascot Hi-Aktiv  
 REACH Registration Notes                      IN CONFORMITY WITH (REACH ) Annex II of EC Regulation no.1907/2006.

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

Identified uses                                      Agricultural/Horticultural Herbicide

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

Manufacturer                                      Barclay Chemicals Manufacturing Ltd,  
     Damastown Way  
     Damastown Industrial Estate  
     Mulhuddart  
     Dublin 15  
     Ireland  
     Tel: 00-353-1-8112900  
     Tel: 00-353-863857769 (Emergency)  
     Fax: 00-353-1-8224678  
     email: info@barclay.ie

#### 1.4. Emergency telephone number

00353-863857769

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC)                      Not classified.

Human Health

Non Hazardous to humans

Environment

The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

Risk Phrases

NC

Not classified.

Safety Phrases

S2

Keep out of the reach of children.

S13

Keep away from food, drink and animal feeding stuffs.

S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

S46

If swallowed, seek medical advice immediately and show this container or label.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### 2.3. Other hazards

Not applicable.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Glyphosate Isopropylamine		30-60%
CAS-No.: 38641-94-0	EC No.: 254-056-8	
Classification (EC 1272/2008) Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R51/53.	

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

REACH Registration Notes                      IN CONFORMITY WITH (REACH ) Annex II of EC Regulation no.1907/2006.

## SECTION 4: FIRST AID MEASURES

### **4.1. Description of first aid measures**

Inhalation.

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). DO NOT induce vomiting. Get medical attention immediately. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Skin Contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

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

Inhalation.

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin Contact

No specific symptoms noted.

Eye Contact

No specific symptoms noted.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Hazardous Combustion Products

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

Unusual Fire & Explosion Hazards

Not known.

Specific Hazards

Not known.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Keep run-off water out of sewers and water sources. Dike for water control.

Protective Measures In Fire

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

## 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Do not eat, drink or smoke when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide good ventilation. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

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

Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children Do not store in galvanised or unlined mild steel containers or tanks Protect from frost Store in tightly closed original container in a dry and cool place.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

### 8.2. Exposure controls

Protective Equipment



Process Conditions

Provide eyewash, quick drench.

Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Hand Protection

Wear protective gloves.

Eye Protection

Wear goggles/face shield.

Hygiene Measures

When using do not eat, drink or smoke. Wash hands after handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Clear liquid
Colour	Pale Yellow
Odour	No characteristic odour.
Solubility	Miscible with water
Relative Density	1.224g/ml
pH-Value, Diluted Solution	4.91 1% in water
Flash Point (°C)	Scientifically unjustified. Will not flash.
Auto Ignition Temperature (°C)	>400 Degrees Celcius (Method EEC A.15)

### 9.2. Other information

Not relevant.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

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Stable under normal temperature conditions and recommended use.

### **10.3. Possibility of hazardous reactions**

Not available.

Hazardous Polymerisation

Will not polymerise.

### **10.4. Conditions to avoid**

Avoid exposure to high temperatures or direct sunlight. Avoid frost.

### **10.5. Incompatible materials**

Materials To Avoid

Avoid galvanised or unlined mild steel containers; store as supplied in HDPE containers

### **10.6. Hazardous decomposition products**

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50 >2, 000 mg/kg (oral rat)

Toxic Dose 2 - LD 50 >4, 000 mg/kg (dermal)

Skin Contact

Not a skin sensitiser. Skin irritation is not anticipated when used normally.

Eye Contact

Mild eye irritant

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

LC 50, 96 Hrs, Fish mg/l >326

EC 50, 48 Hrs, Daphnia, mg/l >317

IC 50, 72 Hrs, Algae, mg/l 143

### **12.2. Persistence and degradability**

Degradability:

The product is easily biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative Potential:

No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility:

The product is miscible with water. May spread in water systems.

### **12.5. Results of PBT and vPvB assessment**

Not determined.

### **12.6. Other adverse effects**

Not applicable.

## SECTION 13: DISPOSAL CONSIDERATIONS

General Information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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### **14.1. UN number**

Not applicable.

### **14.2 UN Proper shipping name**

Not applicable.

### **14.3 Transport hazard class(es)**

Not applicable.

Transport Labels

No transport warning sign required.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Revision Comments

Document updated to comply with Annex II of EC Regulation no.1907/2006.

Revision Date 2nd Feb 2011

Risk Phrases In Full

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H411 Toxic to aquatic life with long lasting effects.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.