



SAFETY DATA SHEET
Barclay Gallup Biograde 360

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Barclay Gallup Biograde 360		
SYNONYMS, TRADE NAMES	Glyphosate		
APPLICATION	Agricultural/Horticultural Herbicide		
SUPPLIER	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	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

2 HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
GLYPHOSATE (ISO)	213-997-4	1071-83-6	30-60%	Xi;R41 N;R51/53

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove to Fresh air. Remove all heavily contaminated clothing Always seek medical advice in cases of serious personal contamination.

NOTES TO THE PHYSICIAN

For specialist advice, contact the nearest poisons information centre

INHALATION

Move injured person to fresh air and seek medical advice

INGESTION

Rinse mouth thoroughly. Get medical attention immediately!

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with dry inert powder, foam, carbon dioxide or water-spray Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers. Contain fire-fighting water, bunding if necessary with sand or earth.

PROTECTIVE MEASURES IN FIRE

Wear suitable protective clothing and self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Barclay Gallup Biograde 360

PERSONAL PRECAUTIONS

Wear as appropriate, chemical resistant rubber gloves, coated overall, PVC or rubber wellingtons and goggles.

ENVIRONMENTAL PRECAUTIONS

Contain spillage as the situation allows. Do not flush with water. Particular care should be taken to prevent contamination of water (ditches, drains, ponds etc.).

SPILL CLEAN UP METHODS

Absorb with pumice, vermiculite, sand or earth. Collect contaminated material and surrounding soil and place in covered, labelled containers (not galvanised or unlined steel) for disposal. Advise local authority if spillage enters drains or Environmental Protection Agency if spillage enters surface or ground waters.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection. Do not eat, drink or smoke when using the product. Keep tanks well vented and clear of all sources of ignition. Empty washings into tank and dispose of safely.

STORAGE PRECAUTIONS

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

Suitable approved respirator may be required when dealing with the concentrate or spray.

HAND PROTECTION

PVC or other plastic material gloves should be used when dealing with the concentrate or spray.

EYE PROTECTION

Wear goggles/face shield.

HYGIENE MEASURES

When using do not eat, drink or smoke.

SKIN PROTECTION

Wear lightweight protective clothing to protect from contamination when dealing with the concentrate or spray.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless to pale yellow		
ODOUR	Slight odour Chemical.		
SOLUBILITY	Miscible with water.		
RELATIVE DENSITY	1.171g/ml	pH-VALUE, CONC. SOLUTION	5.0

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal storage conditions

CONDITIONS TO AVOID

Keep at temperatures below 40°C and above -15°C

MATERIALS TO AVOID

Galvanised or unlined mild steel containers; store as supplied in HDPE containers

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)

SKIN CONTACT

Not a skin sensitiser.

EYE CONTACT

Non irritating to skin or eyes

12 ECOLOGICAL INFORMATION

MOBILITY

It is very strongly bound onto soil and it is not leached from soils

DEGRADABILITY

It is readily degradable in soil

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Bury in approved landfill, or via an approved disposal contractor.

14 TRANSPORT INFORMATION

GENERAL

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

No transport warning sign required.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

No Safety phrases stated.

Not entered.

N/A.

Not known.

Do not contaminate ponds, waterways or ditches with the chemical or used container

S2 Keep out of the reach of children

S13 Keep away from food, drink and animal feeding stuffs.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46 If swallowed, seek medical advice immediately and show this container or label.

16 OTHER INFORMATION

RISK PHRASES IN FULL

R41 Risk of serious damage to eyes.

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

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.