



SAFETY DATA SHEET

Barclay Gallup HIAKTIV Amenity

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

PRODUCT NAME	Barclay Gallup HIAKTIV Amenity		
SUPPLIER	Barclay Chemicals Manufacturing Ltd, Damastown Way Damastown Industrial Estate Mulhuddart Dublin 15 Ireland Tel: 00-353-1-8112900 Tel: 00-353-863857769 (Emergencia) 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 (Emergencia) Fax: 00-353-1-8224678 email: info@barclay.ie
APPLICATION	Agricultural/Horticultural Herbicide		

2 HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

ENVIRONMENT

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

HUMAN HEALTH

Non Hazardous to humans

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Glyphosate Isopropylamine	254-056-8	38641-94-0	30-60%	N;R51/53.

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

4 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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

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.

6 ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS

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

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.

SPILL CLEAN UP METHODS

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.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

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.

STORAGE PRECAUTIONS

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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Pale Yellow		
ODOUR	No characteristic odour.		
PHYSICAL DATA COMMENTS	Information given concerns the concentrated solution.		
SOLUBILITY	Miscible with water		
RELATIVE DENSITY	1.224g/ml	pH-VALUE, DILUTED SOLUTION	4.91 1% in water
FLASH POINT (°C)	>95 Degrees Celcius (Method EEC A.9)	AUTO IGNITION TEMPERATURE (°C)	>400 Degrees Celcius (Method EEC A.15)

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

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

MATERIALS TO AVOID

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

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

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11 TOXICOLOGICAL INFORMATION

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

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

LC 50, 96 Hrs, FISH mg/l >326
 EC 50, 48 Hrs, DAPHNIA, mg/l >317
 IC 50, 72 Hrs, ALGAE, mg/l 143

DEGRADABILITY

It is readily degradable in soil

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

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

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

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.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

16 OTHER INFORMATION

REVISION COMMENTS

Section 3 - Classification of components updated

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.

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.