

MATERIAL SAFETY DATA SHEET

According to EC directive 2001/58/EC

NAG kit – 50 tests

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

Product Information

Commercial Product Name: N-acetyl-beta-D-glucosaminidase (NAG) kit
Product number: 1290050
Intended use: Biochemistry kit
Company: Helier Scientific Ltd.
SWT Institute for Renal Research
Wrythe Lane, Carshalton
Surrey
SM51AA
United Kingdom
Email: info@helierscientific.com

2. CHEMICAL CHARACTERISATION **Components**

Solution N: 1 piece
Labelling: not required
Contains no hazardous substances in concentrations to be declared

Buffer A: 1 piece
Labelling: not required
Contains no hazardous substances in concentrations to be declared

Buffer G: 1 piece
Labelling: not required
Contains no hazardous substances in concentrations to be declared

3. HAZARD IDENTIFICATION

Risk advice to man and the environment

Is to be classified according to EEC directive 67/548 and 99/45 as hazardous.

Classification: Irritating
Hazard symbol: Xi
Risk Phrases: R36 Irritating to eyes.



4. FIRST AID MEASURES

Eyes:	Flush with clean water, thoroughly, for 15 minutes and seek medical advice
Skin:	Wash with water thoroughly
Ingestion:	If accidentally swallowed seek medical advice immediately
Instruction for physician:	Symptomatic treatment by a physician.

5. FIRE FIGHTING MEASURES

Extinguishing media:	No restriction.
Decomposition:	Gases which are damaging to health do not form in dangerous quantities.

6. ACCIDENTAL RELEASE METHODS

Actions to be taken on	Smaller quantities can be washed off with plenty of water.
Spillage:	
Absorbant material:	Not necessary.
Actions to be taken to limit	Special measures to limit damage are not necessary.
Damage:	

7. HANDLING AND STORAGE

Handling:	Non-inflammable substance. No special requirements.
Storage:	Store at 2-8°C.
Do not store together with:	No restriction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection:	Avoid inhalation
Eye protection:	not necessary
Hand protection:	Protective gloves
Hygiene measures:	Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Solution N

Form:	Liquid
Miscibility with water	Miscible
pH:	2.3

Buffer A

Form:	Solid
Miscibility with water:	Miscible
pH:	-

Buffer G

Form:	Liquid
Miscibility:	Miscible
pH:	9.2

10. STABILITY AND REACTIVITY

Hazardous reactions:	None under normal use.
Hazardous decomposition	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological information for the product
Intoxication has so far not become known.

12. ECOLOGICAL INFORMATION

Water hazard class: Slightly hazardous to water and ground

13. DISPOSAL CONSIDERATION

Waste disposal route:	Used reagent can be disposed of in the water in accordance with local regulations.
Disposal of empty packaging:	Dispose of empty packs via local recycling or waste disposal routes- if necessary, clean them beforehand.

14. TRANSPORTATION INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO).

15. REGULARITY INFORMATION

Labelling according to EC-Directives

Note:	This product must not be labelled in accordance with EEC directive 67/548 and 99/45	
Hazard Symbol:	Xi	Irritant
Warnings:	R36	Irritating to eyes.
Safety advice:	S22	Do not breathe dust.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulations

UK	IS not subject of the UK regulations for flammable liquids (Betriebssicherheits VO).
Betriebssicherheits VO:	

16. OTHER INFORMATION

Further information

The information is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Special permission has been granted in accordance with EU Directive 99/45, Article 9, which permit small packages of up to 125 ml or 125 g containing materials that are harmful to health or irritant to be unlabelled with the hazard identification information given in the safety data sheet.