

SAFETY DATA SHEET CHALLENGE BIOTASK

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Challenge Biotask
Product Number	14953
REACH registration notes	Substances contained in this product that are not classified as hazardous have been/will be registered for REACH at the appropriate time.

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

Cleaning Product

1.3 Details of the supplier of the data sheet

Darcy Products Ltd, as above.

1.4 Emergency telephone number

Nearest anti-poison centre or Guy's Hospital Poisons Unit, LONDON SE14 SER 0171 6 359191

During normal opening times: 01732 762338 (09.00 - 17.00)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified
Classification	Xi;R41. (67/548/EEC or 1999/45/EC)
Environmental	The product is not expected to be hazardous to the environment.

2.2 Label Elements



Pictogram(s):

Signal Word (s): Danger

Hazard Statement(s): H318 Causes serious eye damage.

Precautionary Statement(s):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

Revision Date: 18/12/2018

2.3 Other Hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures:

C9 - 11 ALCOHOL ETHOXYLATE 6-8 MOLES EO CAS number: 68439-46-3	10 - 30%
Classification Eye Dam. 1 - H318 Acute Tox. 4 - H302	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.

See Section 16 for the full text of the R-phrases and H statements declared above.

Composition comments

This product is not classified as hazardous, the information in this datasheet is given for guidance only.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures In the event of exposure by inhalation:

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

In the event of splashes or contact with eyes:

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

In the event of splashes or contact with skin:

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if discomfort continues.

In the event of ingestion:

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact - Severe irritation, burning and tearing.

4.3 Indication of any immediate medical attention and special treatment needed

No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Oxides of the following substances: Carbon. Nitrogen.

Revision Date: 18/12/2018

5.3 Advice for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

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

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly-closed, original container in a dry, cool and well-ventilated 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 known for ingredient(s).

8.2 Exposure controls

Personal protection measures, such as personal protective equipment

Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients

Eye / face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Revision Date: 18/12/2018

Brook House, Larkfield Trading Estate
New Hythe Lane
Larkfield, Kent
ME20 6GN

+44 (0)1732 762338

www.thedarcygroup.co.uk



Skin protection:

When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as faceshield, boots, apron, or full-body suit will depend on the task.

Hand protection

No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Impermeable material.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties General information:

Physical state:	Liquid
Colour	Tan
PH (concentrated solution):	8.5 – 9.5
Relative Density:	1.0 @ 20°C
Water solubility:	Soluble in water

9.2 Other information

No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity

There are no known reactivity hazards associated with this product.

Chemical stability

Stable at normal ambient temperatures.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid freezing.

Revision Date: 18/12/2018

Brook House, Larkfield Trading Estate
New Hythe Lane
Larkfield, Kent
ME20 6GN

+44 (0)1732 762338

www.thedarcygroup.co.uk



Incompatible materials

Keep away from: Strong oxidising agents. Strong acids. Strong alkalis

Hazardous decomposition products

Oxides of the following substances: Carbon. Nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 4,000.0

Skin corrosion/skin irritation:

Liquid may irritate skin.

Serious damage to eyes/eye irritation:

Risk of serious damage to eyes.

Inhalation:

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion

May cause discomfort if swallowed.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment

Toxicity

Not considered toxic to fish.

Persistence and degradability

The product is expected to be biodegradable.

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Mobility in soil

The product is soluble in water.

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

Other adverse effects

No data available

Revision Date: 18/12/2018

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

General information:

Do not puncture or incinerate, even when empty.

Disposal methods:

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14. TRANSPORT INFORMATION

General:

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

UN number: No information required.

UN proper shipping name: No information required.

Transport hazard class(es): No information required.

Packing group: No information required.

Environmental hazards: No information required.

Special precautions for user: No information required.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No information required.

SECTION 15. REGULATORY INFORMATION

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

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

CHIP for everyone HSG228.

Approved Classification and Labelling Guide (Sixth edition) L131.

Safety Data Sheets for Substances and Preparations.

Chemical safety assessment

No data available.

Revision Date: 18/12/2018

Brook House, Larkfield Trading Estate
New Hythe Lane
Larkfield, Kent
ME20 6GN

+44 (0)1732 762338

www.thedarcygroup.co.uk



SECTION 16. OTHER INFORMATION

Full Text of abbreviated H Statements:

H302 – Harmful if swallowed.

H318 – Causes serious eye damage.

Full Text of abbreviated R-Phrases:

R22 – Harmful if swallowed.

R41 – Risk of serious damage to the eyes.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision Date: 18/12/2018