



SAFETY DATA SHEET

Duo Detergent Ultra Biological

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

1.1 Product Name	Duo Detergent Ultra Biological				
1.2 Other Names	Duo Detergent Ultra				
SDS No	1101	Rev Date:	28 th October 2025	Rev No:	1
1.3 Application	Laundry Applications				
1.4 Supplier	Innovation Chemicals Ltd, Unit 23, Widnes Business Park, Widnes, WA8 8UB. PHONE 0300 303 4323 sales@innovationchemicals.co.uk				
1.5 Emergency Contact Number	0300 303 4323 (Hours of Operation – 06.00 to 18:00 Monday to Friday)				

SECTION 2. HAZARD IDENTIFICATION

Classification (EC1272/2008)						
2.1 Signal Word	Warning					
2.1 Classification	Physical: Not classified Health: Eye Dam. 1- H318; Skin Irrit. 2- H315 Environmental Not classified					
Hazard Statements	H315 Causes skin irritation. H318 Causes serious eye damage.					
Precautionary Statements	P102 – Keep out of reach of children. P264 – Wash hands thoroughly. P280 – Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 – IF ON SKIN: Wash with soap and water. P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do so – Continue rinsing. P310 – Immediately call a POISON CENTRE or doctor / physician.					
2.2 Labelling						
	GHS07					
2.3 Other Hazards	EUH 208 – Contains Perfume. May produce an allergic reaction. EUH 208 – Contains Enzymes. May produce an allergic reaction.					

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Product	EC (EINECS No.	CAS-No.	%
Glycerin	200-289-5	56-81-5	10-12
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Not Classified. Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
Sodium Dodecyl Benzene Sulphonate	270-115-0	25155-30-0	10-12
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Dam. 1 – H318, Skin Irrit. 2 – H315. Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
Coconut Diethanolamide	271-657-0	68603-42-9	<3
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Skin Irrit.2 – H315, Eye Dam.1 – H318. Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
C9-11 Alcohol Ethoxylate 6-8 Moles EO	N/a	68439-46-3	<5
Classification (EC 1272/2008)			
Physical: Not Classified Health: Acute Tox. 4 – H302, Eye Dam. 1 – H318 Environmental: Not Classified			
Product	EC (EINECS No.	CAS-No.	%
Amylase	232-565-6	9000-90-2	<1
Classification (EC 1272/2008)			
Physical: Not Classified Health: Resp. Sens. 1 – H334 Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
Lipase	232-619-9	9001-01-1	<1
Classification (EC 1272/2008)			
Physical: Not Classified Health: Resp. Sens. 1 – H334 Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
Subtilisin	232-752-2	9014-01-1	<1
Classification (EC 1272/2008)			
Physical: Not Classified Health: Skin Irrit. 2 – H315; Eye Dam. 1 – H318; Resp. Sens. 1 – H334; STOT SE 3 – H335 Environmental: Not Classified.			
Product	EC (EINECS No.	CAS-No.	%
Parfum'	N/a	N/a	<3
Classification (EC 1272/2008)			
Physical: Flam Lqd 3 – H226 Health: Skin sen. 1 – H317, Aspiration 1 – H304 Environmental: Aquatic Chronic 2 – H411			

For the full text of the H-statements mentioned in this section, see section 16.

SECTION 4. FIRST-AID MEASURES

<u>4.1 Description of First Aid Measures</u>	
Inhalation	Move exposed person to fresh air. Get medical attention
Ingestion	Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water, seek medical attention if discomfort continues
Skin Contact	Remove contaminated clothing and wash with soap and water.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention if discomfort continues. Continue to rinse.
<u>4.2 Most Important Symptoms and effects, both acute and delayed</u>	
General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible soreness and redness to throat mouth and stomach
Skin Contact	Possible Irritation, redness to skin
Eye Contact	Possible eye irritation or damage
<u>4.3 Indication of immediate medical attention and special treatment needed if necessary</u>	

SECTION 5. FIRE-FIGHTING MEASURES

<u>5.1 Suitable Extinguishing Media Use:</u>
The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials
<u>5.2 Specific Hazard arising from the chemical</u>
When heated in the case of fire, harmful or toxic gases may be produced
<u>5.3 Special protective actions for fire fighters</u>
Self contained breathing apparatus and full protective clothing must be worn

SECTION 6. ACCIDENTAL RELEASE MEASURES

<u>6.1 Personal Precautions, protective equipment and emergency procedures</u>
a. The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.
b. Provide sufficient ventilation.
c. Follow precautions for safe handling described in section 7 of this SDS.
<u>6.2 Environmental Precautions</u>
Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.
<u>6.3 Methods and material for containment and clean up</u>
Drains should be Bunded or capped to prevent entrance or damage.
Ventilate well. Dilute with copious amounts of water. Collect with absorbent, non-combustible material into suitable containers. Flush area with plenty of water.

SECTION 7. HANDLING AND STORAGE

<u>7.1 Precautions for safe handling</u>
Avoid Spilling, skin and eye contact. Keep away from heat, sparks and open flames. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented
Do Not Smoke In Work Area! Wash 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. When using, do not eat, drink or smoke.
<u>7.2 Conditions for safe Storage, including incompatibilities</u>
Keep in original containers. Do not allow product to freeze, avoid extreme temperatures
<u>7.3 Specific end use(s)</u>
The identified use for this product is detailed in section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Min	Notes
Sodium Dodecyl Benzene Sulphonate	WEL	15 mg/m ³	10 mg/m ³	

WEL= Workplace Exposure Limit

8.2 Appropriate engineering controls

Provide adequate ventilation

8.3 Individual protection measures, such as personal protective equipment (PPE)

Respiratory Equipment	Ensure ventilation is in sufficient.
Hand Protection	Nitrile or PVC gloves are recommended.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber or PVC footwear, protective clothing PVC.

Protective Equipment



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

This Product is a	Mixture		
Appearance	Liquid		
Colour	White or Blue		
Odour	Pleasant		
Solubility	Soluble in water		
pH value	9	Boiling Point (°C)	>100
Relative Density	1.01 – 1.03		

9.2 Other information

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

None known

10.2 Chemical stability

Stable under normal conditions and use.

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time. Do Not allow to freeze

10.5 Incompatible materials

None Know

10.6 Hazardous decomposition products

In combustion emits toxic fumes

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information

We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request.

SECTION 12. ECOLOGICAL INFORMATION

<u>12.1 Toxicity</u>
We have not carried out any Aquatic testing; therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request
<u>12.2 Persistence and degradability</u>
Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods
<u>12.3 Bioaccumulative potential</u>
This preparation does not contain any substance that is expected to be bioaccumulating
<u>12.4 Mobility in soil</u>
The product is soluble in water
<u>12.5 Results of PBT and vPvB</u>
This preparation does not contain and PBT or vPvB substances
<u>12.6 Other adverse effects</u>
Not Known

SECTION 13. DISPOSAL CONSIDERATIONS

<u>13.1 Waste treatment methods</u>
The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

SECTION 15. REGULATORY INFORMATION

<u>15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture</u>
Guidance notes: Workplace Exposure Limits EH40
EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013
<u>15.2 Chemical Safety Assessment</u>
Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	1
Generated	28 th October 2025
SDS No.	1101
SDS Status	OK
Approved	28 th October 2025
Notes	This information relates only to the specific material designed 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 date indicated. However, no warranty, guarantee or representation is made as 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.
Hazard statements in full	H226 – Flammable liquid and vapours H302 – Harmful if swallowed.

	H304 – May be fatal if swallowed and enters airways H315 – Causes skin irritation H317 – May cause an allergic skin reaction H318 – Causes serious eye damage H319 – Causes serious eye irritation H411 – Toxic to aquatic life with long lasting effects
Supplementary P- Statements	P332+P313 – If skin irritation occurs: Get medical advice / attention P362 – Take off contaminated clothing and wash before reuse
EUH Statements	EUH 208 – Contains perfume. May produce an allergic reaction.
<u>END of SDS</u>	

****SAFETY DATA SHEET****