SAFETY DATA SHEET

Arion Non Biological Laundry Powder

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

1.1 Product Name	Arion Non Biological Laundry Powder				
1.2 Other Names	Arion Non Biological Laundry Powder				
SDS No	0077	Rev Date:	9th August 2024	Rev No:	1
1.3 Application	**Laundry Powder**				
1.4 Supplier	Innovation Chemicals Ltd, Unit 23, Widnes Business Park, Waterside Lane, Widnes, WA8 8UB. PHONE 0300 303 4323 sales@innovationchemicals.co.uk				
1.5 Emergency Contact Number	0300 303 4323 (Hours of Operation – 08.00 to 17:00 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 Environmental Not classified
Hazard Statements	H318 – Causes serious eye damage
Precautionary Statements	P280 – Wear protective gloves/protective clothing/eye protection/face protection P305+351+338 –IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing P310 – Immediately call POISON CENTER or doctor/physician
2.2 Labelling	 GHS07
2.3 Other Hazards	EUH 208 – Contains perfume. May produce an allergic reaction.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Product	Product Identifier	%	Classification according to Regulation	Classification According to Directive
Sodium Carbonate	(CAS No) 497-19-8 (EC) 207-838-8	15-20	Eye Dam. 1: H318; Skin Irrit. 2: H315; Acute Tox. 4: H302	Xi; R36.
Sodium Percarbonate	(CAS No) 15630-89-4 (EC) 239-707-6	10-15	Ox Sol. 3, H272 Acute Tox. 4, H302 Eye Dam. 1, H318	Xn; R22. Xi; R36, R38. O; R8
Sodium Metasilicate Pentahydrate	(CAS No) 6834-92-0 (EC) 229-912-9	<5	Skin Corr. 1B: H314 STOT SE3, H335	C; R34, Xi; R37
Sodium Alkyl Benzene Sulphonate	(CAS No) 85117-50-6 (EC) 285-600-2	<3	Acute Tox. 4, H302 1 Skin Irrit. 2, H315 Eye Dam. 1, H318	Xn;R22. Xi;R41,R38.
Alcoholethoxylates	(CAS No) 64425- 86-1	<3	Acute Tox. 4, H302, H318 Aquatic Acute 1, H400	Xn; R22. Xi; R41. N; R50
Alcohol Ethoxylates	(CAS No) 68439-45-2	<3	Acute Tox. 4, H302 Eye Dam. 1, H318	Xn; R22. Xi; R41
Parfum'	N/a	<1	N/a	Xi; R43 ; R51/53

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

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures	
Inhalation	Move exposed person to fresh air. Get medical attention
Ingestion	Get medical advice immediately! Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Skin Contact	Remove contaminated clothing immediately and wash with soap and water. Get medical attention immediately
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 immediately. Continue to rinse.
4.2 Most Important Symptoms and effects, both acute and delayed	
General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible burns to throat mouth and stomach
Skin Contact	Irritation to skin
Eye Contact	Possible serious eye damage
4.3 Indication of immediate medical attention and special treatment needed if necessary	

SECTION 5. FIRE-FIGHTING MEASURES

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

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.
6.2 Environmental Precautions
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.
6.3 Methods and material for containment and clean up
Drains should be Bunded or capped to prevent entrance or damage. Ventilate well. Brush or vacuum up taking care not to create excessive dust. Place in suitable containers. Dilute area with copious amounts of water.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid Spilling, skin and eye contact. 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.
7.2 Conditions for safe Storage, including incompatibilities
Keep containers tightly closed. Keep in original containers. Do not allow product to freeze, avoid extreme temperatures
7.3 Specific end use(s)
The identified use for this product is detailed in section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters						
Name	STD	Long Term				Notes
Sodium Carbonate	DNELs	10mg/m3				
Sodium Metasilicate	DNELs	1.55mg/m3				Inhalation
	WEL	TWA – 8 Hrs		STEL – 15 Min		
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	If ventilation is in sufficient, suitable respiratory protection must be provided.
Hand Protection	PVC gloves are recommended.
Eye Protection	Ware approved safety goggles.
Other Protection	Wear rubber apron, ware rubber footwear.

Protective Equipment

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.			
This Product is a	Mixture		
Appearance	Granular Powder		
Colour	White with coloured speckles		
Odour	Pleasant		
Solubility	Soluble in water		
pH value	9.5-10	**Solubility**	Soluble in Water
Relative Density	1.1		
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
10.5 Incompatible materials
10.6 Hazardous decomposition products
When heated toxic and corrosive vapours may be formed

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

12.1 Toxicity
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
12.2 Persistence and degradability
Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods
12.3 Bioaccumulative potential
This preparation does not contain any substance that is expected to be bioaccumlating
12.4 Mobility in soil
Not Known
12.5 Results of PBT and vPvB
This preparation does not contain and PBT or vPvB substances
12.6 Other adverse effects
Not Known

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
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

15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture
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
15.2 Chemical Safety Assessment
Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	1
Generated	9th August 2024
SDS No.	0077
SDS Status	OK
Approved	15th June 2023
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.
	Full Text of H- and EUH-statements:
R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R42	May cause sensitization by inhalation.
R43	May Cause sensitization by skin contact
R50	Very toxic to aquatic organisms.
R51/53	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Sol. 3	Oxidizing Solids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity- single exposure, Category 3, Respiratory tract irritation.
H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation
H411	Toxic to aquatic life with long lasting effects
END of SDS	

SAFETY DATA SHEET