

System 300

NEWTON 340 EcoClean

Cleaning Agent for PU Injection Pumps

Rev 1.0 - 25th March 2019

PRODUCT CODE - 340

SECTION 1. Identification of the Substance/Mixture and of the Company/Undertaking

Product Identifier

- Product form Mixture
- Product name Newton 340 EcoClean
- Product codes 324

Relevant identified uses of the substance and uses advised against

- Use of substance/mixture Professional use only
Cleaning PU injection pumps
- Uses advised against Not for any other use

Details of the Supplier of the Safety Data Sheet

- Company Address Newton Waterproofing Systems, Newton House, 17-20 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web www.newtonwaterproofing.co.uk
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone numbers Newton Waterproofing systems - English language
+44 (0)1732 360095/08:00-17:30 (GMT) Mon-Thur & 08:00-17:00 (GMT) Fri

SECTION 2. Hazards Identification

- Refer to SECTION 16 for The explanation of the abbreviations used throughout this SDS
The full list of Hazard Phrases & Precautionary Statements stated throughout this SDS

2.1 Classification of the Substance or Mixture

- Classification under Regulation (EC) No. 1272/2008 (CLP)
Not classified. Full text of hazard classes and H-statements: see SECTION 16
- Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not represent any particular risk, provided it is handled and used in accordance with good occupational hygiene and safety practice

2.2 Label Elements

- Hazard statements No H Classification labelling applicable
- Signal words (CLP) N/A
- Hazard pictograms (CLP) N/A
- Hazardous ingredients N/A
- Hazard statements (CLP) N/A
- Precautionary statements (CLP) N/A
- Other To be handled and used in accordance with good occupational hygiene and safety practice. Wear PPE as SECTION 8.2, handle and store as SECTION 7, manage accidental release as SECTION 6 and follow the instructions in the Data Sheet

2.3 Other Hazards

- PBT / vPvB No additional information available
- Other Hazards No additional information available
- Other information Classification and labelling have been made on the basis of safety data sheets of the raw materials that make up the product

SECTION 3. Composition/information on ingredients

3.2 Mixture

This product is a mixture

This mixture does not contain any substances to be mentioned according to the criteria on Section 3.2 of REACH Annex II

NB

Refer to SECTION 8 for Personal Protection / Exposure Controls

Refer to SECTION 16 for the full text of Hazard Statements

SECTION 4. First Aid Measures

4.1 Description of First Aid Measures

- General
Never give anything by mouth to an unconscious person. If exposed or concerned get medical advice / attention. If you feel unwell, seek medical advice

Those assisting the exposed persons to take no action involving personal risk or without training. Performing mouth-to-mouth can be dangerous, only to be done by trained personnel

Eye bathing equipment and First Aid Box should be available

Take this SDS with you when seeking medial advice
- Skin contact
Remove contaminated clothing. Gently remove all traces of product and wash with plenty of soap and water. Continue to rinse for at least 10 minutes. If skin irritation or rash occurs seek medial advice / attention
- Eye contact
Do not rub. Immediately rinse eyes cautiously with plenty of water for at least 15 minutes holding the eyelids open. Remove contact lenses if present and easy to do so, then continue to rinse cautiously for 15 minutes. Obtain medical attention if pain, irritation, blinking or redness persists
- Ingestion
Wash out mouth with water. Do NOT induce vomiting. Get emergency medical attention. If vomiting occurs, the head should be kept forward and low so vomit does not enter the lungs. Never give anything to an unconscious person. Move the exposed person to fresh air. If unconscious, place in the recovery position and get medical advice immediately. Loosen tight clothing such as collar, tie, belt and waistband. Call a doctor or poison centre if you feel unwell
- Inhalation
Ventilate the area. Remove person from the contaminated place to rest in fresh air and keep comfortable and breathing. Assure fresh air breathing. Loosen tight clothing such as collar, tie, belt or waistband. If you feel unwell seek medical advice. Call a doctor or poison centre if you feel unwell
- Self-protection for first aiders
No action to be taken involving any personal risk or without suitable training. If it is suspected that the mixture is still present, wear appropriate Personal Protection Equipment, see SECTION 8.2. Wear gloves to remove contaminated clothing, see SECTION 13 for washing or disposal

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No additional information available

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

- Immediate / special treatment No specific treatment. Treat symptomatically

SECTION 5. Fire-Fighting Measures

- 5.1 Extinguishing Media** All known extinguishing materials can be used. Dry powder, foam, carbon dioxide, water spray
Unsuitable extinguishing media: No special recommendation
- 5.2 Special Hazards Arising from the Material**
Toxic fumes may be released
- 5.3 Advice for Firefighters** Isolate the affected area
All persons to be immediately removed from the vicinity of the fire. Fire to be dealt with by trained personnel and without involving personal risk
Exercise caution when fighting any chemical fire
Collect the fire fighting water separately. Prevent from entering the environment, waterways, sewers and drains, alert the Environmental Agency if this occurs
Do not enter the area without wearing proper protective equipment, including respiratory protection
Do not attempt to take action without suitable protective equipment. Self contained breathing apparatus. Complete protective clothing

SECTION 6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- General measures** Do not attempt to take action without wearing suitable personal protection, refer to SECTION 8.2 of the SDS
Ensure adequate ventilation
 - Non-emergency personnel** Evacuate unnecessary personnel
Do not touch or walk through the spilled material. Ventilate spillage area. Do not breathe dust / fumes/ gas / vapours / mist / spray. Avoid contact with skin and eyes
 - Emergency personnel** Evacuate unnecessary personnel and those not wearing the suitable protection. If outside do not approach from downwind. If outside keep bystanders and passing persons upwind and away from the danger point. Mark out the contaminated area with signage and prevent access by unauthorised persons
Do not attempt to take action without suitable protective equipment. Equip clean-up crew with proper protection, see SECTION 8 'Exposure controls / personal protection'
Ensure adequate ventilation, including forced ventilation if in an internal space and necessary, and vent externally to be safely away from other persons and the general public
Turn leaking containers leak-side up to prevent the escape of material, and place in a sealable leak proof container, label this with the contents
Avoid inhalation of vapours, wear respiratory protection as SECTION 8.2
- 6.2 Environmental Precautions** Prevent the product from entering drains, sewers or watercourses (refer to SECTION 11). Contain the spillage using bunding
Alert the Environmental Agency in the event of spillage, etc entering water ways, sewers or drains

6.3 Methods and Materials for Containment and Cleaning Up

Clean-up should ONLY be dealt with by qualified persons familiar with the specific product

Stop the leak if it is safe to do so

Large spillages should be contained by bunding using absorbent materials and carefully transferred into sealable impervious containers. Remnants from large spillages and small spillages should be absorbed and transferred into these containers

Appropriate bunding / absorbent materials: sand, sawdust, universal absorbent and diatomaceous earth

All washings to be retained within the bunding and fully collected up into sealable impervious waste container(s), label these with the contents

All contaminated bunding, including all suspected of being contaminated, to be collected up and transferred to these waste containers

All containers to be labelled and held for disposal as SECTION 13

6.4 Reference to Other Sections

Refer to SECTIONS 8 (Personal Protection / Exposure Controls), 12 (Ecological Information) and 13 (Disposal Consideration) of the SDS

SECTION 7. Handling and Storage

7.1 Precautions for Safe Handling

a. Safe handling

Wear protective equipment as required by use- see SECTION 8

Do not get in eyes, on skin or on clothing - see SECTION 8 for the protection of work clothing. Obtain special instructions before use. Do not handle or use until all safety precautions have been read and understood. Only use outdoors or in well ventilated areas

Do not breathe vapours, aerosols or gases

b. Hygiene measures

Do not eat, drink or smoke when handling. Wash hands and other exposed areas with mild soap and water after using the material and remove contaminated clothing and protective equipment before entering areas where food and drink are consumed and when leaving the work site

Contaminated work clothing should not be allowed out of the work site. See SECTION 13 for the protection of work clothing and the washing or disposal of contaminated work clothing and boots

c. Prevention of handling incompatible substances or mixtures

Do not handle other substances or mixtures at the same time. Keep away from other substances and mixtures

d. Operations and conditions that could create new risks

Do not allow opened, part used or the container in use to come into contact with other materials including all surfaces around. Ensure the containers are securely sealed during transport, storage and when at the work site

e. Reduce risk of release to the environment

Avoid spillage. Ensure the floor at storage, transport and the work location will not allow access to drains or water courses. Lay heavy gauge plastic sheeting or similarly impervious protective covering when mixing and dispensing. Contain and clean up spillage as SECTION 6.3 of the SDS

7.2 Conditions for Safe Storage, Including Any Incompatibilities

a. Storage conditions

Store in a well ventilated locked area, keep cool and away from direct sunlight. Only store in original containers. Keep container tightly closed. The floor of the storage area to be impermeable to prevent the escape of spillage

b. Maximum storage period

Maximum storage / use period: Refer to the 'Best Before' date on the container label

Use of the stock should be by Best Before date rotation, using the oldest

- dates first. Containers past their Best Before date should be removed for disposal according to SECTION 13 of the SDS
- c. Control of the effects of weather, ambient pressure, temperature, sunlight, humidity and vibration
Ensure containers are securely closed against vibration spillage during transport when loading / unloading vehicles, during transport and moving from vehicle to the work location. Unopened containers to be protected against damage during these movements
- d. Storage with other substances and mixtures, including any incompatibles
Only store in the original packaging. Store against falling / touching other materials and in an allocated location
- e. Storage room design, quantity limits, ventilation and packaging compatibilities
Storage room to be dry, ventilated, and constructed to have impermeable floors and walls to prevent the escape of spillages into the environment
- f. Other considerations
No other data available
- 7.3 Specific End Use(es)**
Cleaving material for PU injection pumps after use, also during storage after use

SECTION 8. Personal Protection/Exposure Control

8.1 Control Parameters

Workplace Exposure Limits (WEL) NDA, see SECTION 3.2

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls

- a. Ventilation
Ensure there is sufficient ventilation in the area, including forced ventilation if necessary or in an internal or enclosed space, with safe exhaust away from other persons. The floor must be impermeable to prevent the escape of liquids, laying impermeable protective covering if in doubt
- b. Isolation
Isolate the work area with warning signage against unauthorised access. Ensure all other persons are pre-notified of the works and remain clear of the work area
- c. Washing
Provide eye wash facilities, individual eye wash ampoules and safety shower
- d. Against contamination
Work and dispense off impervious protective sheeting against splashes onto the person(s) performing this task, any other persons and onto the surrounding areas:
- The person(s) performing this to wear disposable overshoes over their safety work boots when working off the protective sheeting against walking contamination onto the surrounding area
 - When the application is done, dispose of contaminated protective sheeting, the overshoes, etc as controlled waste
- e. Mists
Prevent the formation of vapour or aerosol
- f. Hygiene & Occupational care
Do not eat, drink or smoke during stirring or use of the product. Wash hands with soap and water before eating, drinking or smoking and when leaving the work site for natural breaks, break times and at end of day

8.2.2 Personal Protective Equipment

- a. Work clothing
Impervious disposable 1-piece covering to body, legs and arms with closure at wrists and ankles, and disposable overshoes
- b. Eye / face protection
Tight fitting safety goggles, safety glasses with side protection or face visor EN166
- c. Skin protection
(i) Hand Protection
To be impermeable and resistant to the product / substance / mixture. Due to missing tests no recommendation to the glove material can be given

	Selection of the glove material to be on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves	<p>The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC, this being repealed by EU 2016/425 on 21/04/2018, and the resultant standard EN 374</p> <p>The selection of the suitable gloves does not only depend upon the material, but also further marks of quality and varies from manufacturer to manufacturer</p> <p>Break through, and other characteristics, depending upon material density and the glove type, and must be determined in each case</p> <p>Gloves to be tightly fitting at the wrists and extend onto the disposable 1-piece covering. Cloves must be inspected prior to each time used and must be replaced when damaged or worn out</p> <p>Impervious gloves, chemical resistant: conforming to EN 374</p>
Penetration time of gloves	Breakthrough time of the glove material > 4 hours
(ii) Other	<p>Chemical resistant safety boots with external feed for the laces, not holes for the laces</p> <p>Safety helmet if required, or other head covering, against splashes</p> <p>Good hygiene measures should be followed at all time</p>
d. Respiratory protection	<p>In the case of inadequate ventilation wear an appropriate gas filter (i.e. type A according to EN 14387) is worn</p> <p>Mist formation; wear protection as for inadequate ventilation</p>
e. Thermal hazards	NDA
f. Environmental exposure measures	Avoid release to the environment
g. Hygiene measures	Wash thoroughly after handling. Do NOT eat, drink or smoke while using this product. Remove contaminated clothing, see SECTION 13 for the washing or disposal of contaminated clothing

SECTION 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

• Appearance	(i) Form	Liquid
	(ii) Colour	Light yellow
• Odour		Characteristic
• Odour threshold		NDA
• pH		NDA
• Melting point/range °C		N/A
• Freezing point/range °C		NDA
• Initial boiling point/range °C		350 (300 - 400) °C
• Flash point/self-ignition °C		> 210 °C
• Evaporation rate		NDA
• Flammability (solid, gas)		N/A
• Flammability limits, lower %		NDA
• Flammability limits, upper %		NDA
• Auto flammability °C		NDA
• Decomposition temperature		> 300 °C

• Explosive properties	NDA
• Explosive limits	NDA
• Oxidising properties	NDA
• Vapour pressure	NDA
• Relative vapour density at 20°C	NDA
• Relative density	1.055 (1.04 - 1.07) g/ml
• Specific weight	NDA
• Solubility in water	Water: 0.0022 g/L
• Partition coefficient n-octanol/water	NDA
• Also soluble in	NDA
• Viscosity, kinematic	116.493 mm ² /s
• Viscosity, dynamic	122.9 mPa.s
• VOC g/l	NDA

NOTE: The above values related to physiochemical properties are typical values for this product and should not, therefore, be construed as a specification

9.2 Other Information NDA

SECTION 10. Stability and Reactivity

10.1 Reactivity	The product is non-reactive under normal conditions of use, storage and transport
10.2 Chemical Stability	Stable under recommended transport or storage conditions and when protected against the materials or conditions listed in SECTIONS 10.1 and 10.3
10.3 Possibility of Hazardous Reactions	No dangerous reactions known under normal conditions of use
10.4 Conditions to Avoid	None under the recommended storage and handling conditions, see SECTION 7
10.5 Incompatible Materials to Avoid	No additional information available
10.6 Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11. Toxicological Information

11.1 Information on Toxicological Effects

• Acute toxicity	Acute toxicity (oral):	Not classified
	Acute toxicity (dermal):	Not classified
	Acute toxicity (inhalation):	Not classified

In the absence of experimental toxicological data on the product itself, the potential risks to health were evaluated based on the properties of the constituent substances, according to the criteria laid down by the relevant regulations for Classification

Substance	Route	Test	Species	Value
340 EcoClean	Oral	LD50	Rat	>15,9000 mg/kg
	Dermal	LD50	Rabbit	>1,055 mg/kg

Hazardous ingredients	NDA
Relevant hazards for product	NDA

Other hazards

Hazard	Basis
Acute toxicity - oral	Not classified
Acute toxicity - dermal	Not classified
Acute toxicity - inhalation	Not classified
Ingestion	NDA
Serious eye damage / irritation	Not classified
Skin corrosion / irritation	Not classified
Respiratory hazard / inhalation	Not classified
Skin sensitisation	Not classified
Carcinogenicity	Not classified
Germ cell mutagenicity	Not classified
Reproductive toxicity	Not classified
STOT single exposure	Not classified
STOT repeated exposure	Not classified
Aspiration hazard	Not classified

Viscosity, kinematic 116.493 mm²/s

Other information The product was not tested. The data reported here are based on the manufacturers' SDS which is based on information contained in the safety data sheets of the raw materials that make up the product

SECTION 12. Ecological Information

12.1 Toxicity

Environment / Ecology This product is not considered harmful to aquatic organisms nor to cause long-term adverse effects to the environment

Aquatic toxicity Acute toxicity: Not classified
Chronic toxicity: Not classified

12.2 Persistence and Biodegradability No additional information available

12.3 Bioaccumulative Potential No additional information available

12.4 Mobility in Soil No additional information available

12.5 Results of PBT & vPvT Assessment No additional information available

12.6 Other Adverse Effects No additional information available

Avoid release to the environment

12.7 Additional information The product was not tested. The data reported here are based on the manufacturers' SDS which is based on information contained in the safety data sheets of the raw materials that make up the product
No other information available

SECTION 13. Disposal Considerations

13.1 Waste Treatment Methods

- Recovery operations Treat as SECTION 6: Accidental Release Measures
- Disposal operations Dispose according to official regulations
Disposal of contents and container in accordance with licenced collector's disposal instructions
- Disposal of packaging 10 g plastic jerry can with screw cap so cannot access internally to clean,

- Waste code number
17 09 04: 340 EcoClean
17 02 03: Packaging: Plastic drum with 340 EcoClean remnants
- Special precautions for the disposal method
Ensure substances or mixtures are not mixed with other materials and if held in the same outer container with other materials all are in separate sealed containers within the outer container
- NB
The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

SECTION 14. Transport Information

ADR	IMDG	IATA	ADN	RID
14.1 UN Number				
N/A	N/A	N/A	N/A	N/A
14.2 UN proper shipping name				
N/A	N/A	N/A	N/A	N/A
14.3 Transport hazard class(es)				
N/A	N/A	N/A	N/A	N/A
14.4 Packing group				
N/A	N/A	N/A	N/A	N/A
14.5 Environmental hazards				
N/A	N/A	N/A	N/A	N/A
No supplementary information available				

4.6 Special Precautions for User

- Overland transport N/A
- Transport by sea N/A
- Air transport N/A
- Inland waterway transport N/A
- Rail transport N/A

14.7 Transport in Bulk According to:

- (i) Annex II of Marpol N/A
- (ii) the IBC Code N/A

SECTION 15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance, Mixture or Article

COMMISSION REGULATIONS (EC) No 1272/2008 and (EU) No 2015/830 of 28/05/2015 amending Regulation (EC) No 1907/2006 and repealing (EU) 453/2010 20 May 2010 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

- Other regulations, limitations and prohibitive regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substances on the REACH candidate list

15.2 Chemical Safety Assessment

Contains no REACH Annex XIV substance
Directive 2012/18/EU (SEVESO III)

A chemical safety assessment has not been carried out. Data from the component substances is included in this SDS

SECTION 16. Other Information

16.1 Basis of this SDS

The data reported here are based on the manufacturer's SDS which is based on information contained in the safety data sheets of the raw materials that make up the product

16.2 Changes Compared to the Previous Version

Date	Replaces	Sections	Item	Change	Comment
25/03/19	N/A				This is the 1st issue, read the entire document

16.3 Key literature and sources of data

Regulation (EC) 1907/2006
Regulation (EC) No. 1272/2008
Regulation (EU) No. 2015/830
Supplier SDS
ECHA, including REACH dossier for component substances
EH40/2005 3rd Edition, 2018

16.4 Abbreviations & Acronyms

CLP: EU Regulation 1272/2008: Classification, Labelling & packaging of chemical substances
HSE: (UK) Health & Safety Executive
IBC Code: International Building Code
LD50: Lethal dose, 50% affected
MARPOL: International Convention for the Prevention of Pollution from Ships
N/A: Not Applicable
NDA: No Data Available
PBT: Persistent, Bioaccumulative and Toxic substances
vPvB: Very Persistent and very Bioaccumulative substances
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals: Regulation (EC) No 1907/2006
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
STOT RE: Specific target organ toxicity (from) repeated exposure
STOT SE: Specific target organ toxicity (from) single exposure
TWA: Time Weighted Averages
VOC: Volatile organic compounds

16.5 Full text of H and EUH statements N/A

16.6 Training advice

Obtain special instructions and read the Safety Data Sheet before use. Do not handle until all safety precautions have been read and understood. It is recommended that workers are trained in the safe handling of hazardous chemicals

16.7 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 on 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 users responsibility to satisfy themselves as to the suitability of such information for their own particular use