

Version No: 1

Issue date: 29/APR/2024 Safety Data Sheet (Conforms to Annex II of REACH (1907/2006) - Regulation 2020/878) Revision date: Not Applicable

# SECTION 1. Identification of the substance / mixture and of the company / undertaking

#### 1.1. Product Identifier

Product name	CG Wash
Synonyms	Not Available
Other means of identification	Not Available

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

Relevant identified uses	Laboratory use.
Uses advised against	Not Applicable

#### 1.3. Details of the manufacturer or supplier of the safety data sheet

Registered company name	CleanNA
Address	Coenecoop 75, 2741 PH, Waddinxveen, The Netherlands
Telephone	+31 (0) 182 22 33 50
Fax	+31 (0) 182 22 33 98
Website	www.cleanna.com
Email	info@cleanna.com

#### 1.4. Emergency telephone number

Emergency telephone numbers 112 (European emergency number)

### **SECTION 2. Hazards identification**

### 2.1. Classification of the substance or mixture

[CLP] and amendments	Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	
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#### 2.2. Label elements

Hazard pictogram(s)	Not Applicable
Signal word	Not Applicable

#### Hazard statement(s)

Not Applicable

#### Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention Not Applicable

#### Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

#### 2.3. Other hazards

REACH – Art. 57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS issue date.

## SECTION 3. Composition / information on ingredients

#### 3.1 Substances

See 'Composition on ingredients' in Section 3.2

#### 3.2 Mixtures

1. CAS No 2. EC No 3. Index No 4. REACH No	%[weight]	Name	Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	SCL / M-Factor	Nanoform Particle Characteristics
Legend:		ion drawn from crine disrupting	Regulation (EU) No 1272/2008 - Annex VI; 3. Classification drawn from C&L * EU IOEL properties	Vs available; [e] S	Substance identified as

### **SECTION 4. First aid measures**

#### 4.1. Description of first aid measures

Eye Contact	<ul> <li>If this product comes in contact with eyes:</li> <li>Wash out immediately with water.</li> <li>If irritation continues, seek medical attention.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
Skin Contact	If skin or hair contact occurs: ▶ Flush skin and hair with running water (and soap if available). ▶ Seek medical attention in event of irritation.
Inhalation	<ul> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>
Ingestion	<ul> <li>Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

#### 4.2 Most important symptoms and effects, both acute and delayed

See Section 11

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

#### **SECTION 5. Firefighting measures**

#### 5.1 Extinguishing media

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

# 5.2 Special hazards arising from the substrate or mixture

Fire Incompatibility None known

#### 5.3. Advice for firefighters

Fire Fighting	<ul> <li>Use water delivered as a fine spray to control fire and cool adjacent area.</li> <li>Do not approach containers suspected to be hot.</li> <li>Cool fire exposed containers with water spray from a protected location.</li> <li>If safe to do so, remove containers from path of fire.</li> <li>Equipment should be thoroughly decontaminated after use.</li> </ul>
Fire/Explosion Hazard	<ul> <li>Non- combustible.</li> <li>Not considered a significant fire risk, however containers may burn.</li> </ul>

### **SECTION 6.** Accidental release measures

# 6.1 Personal precautions, protective equipment and emergency procedures

See section 8

#### 6.2 Environmental precautions

See section 12

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# 6.3 Methods and material for containment and cleaning up

Minor Spills	<ul> <li>Clean up all spills immediately.</li> <li>Avoid breathing vapours and contact with skin and eyes.</li> <li>Control personal contact with the substance, by using protective equipment.</li> <li>Contain and absorb spill with sand, earth, inert material or vermiculite.</li> <li>Wipe up.</li> <li>Place in a suitable, labelled container for waste disposal.</li> </ul>
Major Spills	<ul> <li>Clear area of personnel and move upwind.</li> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Control personal contact with the substance, by using protective equipment.</li> <li>Prevent spillage from entering drains, sewers or water courses.</li> <li>Recover product wherever possible.</li> <li>Put residues in labelled containers for disposal.</li> <li>If contamination of drains or waterways occurs, advise emergency services.</li> </ul>

#### 6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

# SECTION 7. Handling and storage

7.1. Precautions for safe handli	ng
Safe handling	<ul> <li>Limit all unnecessary personal contact.</li> <li>Wear protective clothing when risk of exposure occurs.</li> <li>Use in a well-ventilated area.</li> <li>Avoid contact with incompatible materials.</li> <li>When handling, <b>DO NOT</b> eat, drink or smoke.</li> <li>Keep containers securely sealed when not in use.</li> <li>Avoid physical damage to containers.</li> <li>Always wash hands with soap and water after handling.</li> <li>Work clothes should be laundered separately.</li> <li>Use good occupational work practice.</li> <li>Observe manufacturer's storage and handling recommendations contained within this SDS.</li> <li>Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.</li> </ul>
Fire and explosion protection	See section 5
Other information	None known

## 7.2. Conditions for safe storage, including any incompatibilities

Suitable container	<ul> <li>Polyethylene or polypropylene container.</li> <li>Packing as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>
Storage incompatibility	Avoid contamination of water, foodstuffs, feed or seed.
Hazard categories in accordance with Regulation (EC) No 1272/2008	Not available
Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of	Not available

### 7.3. Specific end use(s)

See section 1.2

# SECTION 8. Exposure controls / personal protection

# 8.1. Control parameters

o. r. control parameters						
Ingredient	DNELs Exposure Pattern Worke	r		PNECs Compartment		
Not Available	Not Available			Not Available		
* Values for General Population						
Occupational Exposure Limits (OEL)						
INGREDIENT DATA						
Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Emergency Limits						

#### Emergency Em

Ingredient	TEEL-1	TEEL-2	TEEL-3
CG Wash	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
CG Wash	Not Available	Not Available

#### 8.2. Exposure controls

	Engineering controls are used to remove a hazard or pla be highly effective in protecting workers and will typically The basic types of engineering controls are: Process controls which involve changing the way a job ar Enclosure and/or isolation of emission source which keep "adds" and "removes" air in the work environment. Ventil ventilation system must match the particular process and Employers may need to use multiple types of controls to Geneal exhaust is adequate under normal operating condition adequate protection. Provide adequate ventilation in warehou velocities which, in turn, determine the 'capture velocities' of f	be independent of worker interactions to provide ctivity or process is done to reduce the risk. so a selected hazard "physically" away from the wo ation can remove or dilute an air contaminant if de d chemical or contaminant in use. prevent employee overexposure. is. If risk of overexposure exists, wear SAA approved re se or closed storage areas. Air contaminants generated the second storage areas.	this high level of protection. orker and ventilation that strategically esigned properly. The design of a espirator Correct fit is essential to obtain d in the workplace possess varying 'escape'
	Type of contaminant		Air Speed
	Solvent, vapours, degreasing etc. evaporating from tank (in	still air)	0.25 – 0.5 m/s (50 – 100 f/min)
	Aerosols, tumes form pouring operations, intermittent conta spray drift, plating acid fumes, pickling (released at low velo	iner filling, low speed conveyer transfers, welding,	0.5 – 1 m/s (100 – 200 f/min)
8.2.1 Appropriate engineering controls	Direct spray, spray painting in shallow boots, drum filling, co (active generation into zone of rapid air motion)		1 – 2.5 m/s (200 – 500 f/min)
	Grinding, abrasive blasting, tumbling, high speed generated high rapid air motion)	I dusts (released at high velocity into zone of very	w.5 – 10 m/s (500 – 200 f/min)
	Within each range the appropriate value depends to:		
	Lower end of range	Upper end of range	
	1: Room air currents minimal of favourable to capture	1: Disturbing room air currents	
	2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity	
	3: Intermittent, low production	3: High Production, heavy use	
	4: Large hood or large air mass in motion	4: Small hood – local control only	
	Simple theory shows that air velocity falls rapidly with dista square of distance from the extraction point (in simple case reference to distance from the contaminating source. The a for extraction of solvents generated in a tank 2 meters dist within the extraction apparatus, make it essential that theo installed or used.	es). Therefore the air speed at the extraction point ir velocity at the extraction fan, for example, should ant from the extraction point. Other mechanical co	should be adjusted, accordingly, after d be a minimum of 1-2 m/s (200-400 f/min) insiderations, producing performance deficits
8.2.2. Personal protection			
Eye and face protection	<ul> <li>Safety glasses with side shields</li> <li>Chemical goggles.</li> <li>Contact lenses may pose a special hazard; soft cor wearing of lenses or restrictions on use, should be created for the class of chemicals in use and an account of injury equipment should be readily available. In the event of che practicable. Lens should be removed at the first signs of ey have washed hands thoroughly. [CDC NIOSH Current Intervent Interve</li></ul>	for each workplace or task. This should include a experience. Medical and first-aid personnel should mical exposure, begin eye irrigation immediately a e redness or irritation - lens should be removed in	review of lens absorption and adsorption be trained in their removal and suitable and remove contact lens as soon as a clean environment only after workers
Skin protection	See Hand protection below		
Hand / feet protection	Wear general protective gloves, e.g. light weight rubber g The selection of suitable gloves does not only depend or manufacturer. Where the chemical is a preparation of sev and has therefore to be checked prior to the application. The exact break through time for substances has to be o making a final choice.	n the material, but also on further marks of quality reral substances, the resistance of the glove materi	ial can not be calculated in advance

Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed

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Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

Forsberg Clothing Performance Index'.

The effect(s) of the following substance(s) are taken into account in the *computer-generated* selection: CG Wash

Material	Index
BUTYL	A
NEOPRENE	A
VITON	A
NATURAL RUBBER	С
PVA	С

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. \* Where the glove is to be used on a short term, casual or infrequent basis, factors such as 'feel' or convenience (e.g. disposability), may dictate a choice of gloves which might

otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

#### 8.2.3. Environmental exposure controls

See section 12

### **SECTION 9.** Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance	Not Available		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available

Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available
Nanoform Solubility	Not Available	Nanoform Particle Characteristics	Not Available
Particle Size	Not Available		

### 9.2. Other information

Not Available

# SECTION 10. Stability and reactivity

10.1.Reactivity	See section 7.2	
10.2. Chemical stability	Product is considered stable and hazardous polymerisation will not occur.	
10.3. Possibility of hazardous reactions	ee section 7.2	
10.4. Conditions to avoid	See section 7.2	
10.5. Incompatible materials	See section 7.2	
10.6. Hazardous decomposition products	See section 5.3	

# **SECTION 11. Toxicological information**

# 11.1. Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting		
Ingestion	The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.		
Skin Contact	The liquid may be able to be mixed with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. The material is unlikely to produce an irritant dermatitis as described in EC Directives.		
Eye	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).		
Chronic	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.		
	тохісіту	IRRITATION	
CG Wash	Not Available	Not Available	
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances		

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#### **Endocrine Disruption Properties** 1. Not Available

#### Other Information 2.

See Section 11.1

# **SECTION 12. Ecological information**

	Endpoint	Test duration (hr)	Species	Value	Source
CG Wash	Not available	Not available	Not available	Not available	Not available
Legend:	Ecotox database		ECHA Registered Substances - Ecotoxicological Inform C Aquatic Hazard Assessment Data 6. NITE (Japan) -		

#### 12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No data available	No data available

#### 12.3. Bio accumulative potential

Ingredient	Bioaccumulation	
	No data available	
12.4. Mobility in soil		
Ingredient	Mobility	

# Ingredient

# 12.5. Results of PBT and vPvB assessment

	Р	В	т
Relevant available data	Not Available	Not Available	Not Available
PBT	×	×	×
vРvВ	×	×	×
PBT Criteria fulfilled?			No
vPvB			No

#### 12.6. Endocrine Disruption Properties

Not Available

## 12.7. Other adverse effects

Not Available

No data available

# **SECTION 13. Disposal considerations**

13.1. Waste treatment methods	
Product / Packaging disposal	<ul> <li>Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.</li> <li>A Hierarchy of Controls seems to be common - the user should investigate: <ul> <li>Reduction</li> <li>Reuse</li> <li>Recycling</li> <li>Disposal (if all else fails)</li> </ul> </li> <li>This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.</li> <li>DO NOT allow wash water from cleaning or process equipment to enter drains.</li> <li>It may be necessary to collect all wash water for treatment before disposal.</li> <li>In all cases disposal to sever may be subject to local laws and regulations and these should be considered first.</li> <li>Where in doubt contact the responsible authority.</li> <li>Recycle wherever possible.</li> <li>Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.</li> <li>Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or incineration in a licensed apparatus (after admixture with suitable combustible material).</li> <li>Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.</li> </ul>
Waste treatment options	Not Available
Sewage disposal options	Not Available

# **SECTION 14 Transport information**

Labels Required	
Marine Pollutant	NO

### Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable		
14.2. UN proper shipping name	Not Applicable		
14.3. Transport hazard class(es)	Class Not Applicable Sub risk Not Applicable		
14.4. Packing group	Not Applicable		
14.5. Environmental hazard	Not Applicable		
	Hazard identification (Kemler)	Not Applicable	
	Classification code	Not Applicable	
14.6. Special precautions for	Hazard Label	Not Applicable	
user	Special provisions	Not Applicable	
	Limited quantity	Not Applicable	
	Tunnel Restriction Code	Not Applicable	

### Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable					
14.2. UN proper shipping name	Not Applicable					
	ICAO/IATA Class	Not Applicable				
14.3. Transport hazard	ICAO / IATA Sub risk	Not Applicable				
class(es)	ERG Code	Not Applicable				
14.4. Packing group	Not Applicable					
14.5. Environmental hazard	Not Applicable					
	Special provisions		Not Applicable			
	Cargo Only Packing Instructions		Not Applicable			
	Cargo Only Maximum Qty / Pack		Not Applicable			
14.6. Special precautions for	Passenger and Cargo Packing Instructions		Not Applicable			
user	Passenger and Cargo Maximum Qty / Pack		Not Applicable			
	Passenger and Cargo Limited Quantity Packing Instructions		Not Applicable			
	Passenger and Cargo Limited Maximum Qty / Pack		Not Applicable			

#### Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable		
14.2. UN proper shipping name	Not Applicable		
14.3. Transport hazard class(es)	IMDG Class     Not Applicable       IMDG Sub risk     Not Applicable		
14.4. Packing group	Not Applicable		
14.5. Environmental hazard	Not Applicable		
14.6. Special precautions for user	EMS NumberNot ApplicableSpecial provisionsNot ApplicableLimited QuantitiesNot Applicable		

# Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	Not applicable	Not Applicable
14.4. Packing group	Not applicable	
14.5. Environmental hazard	Not applicable	
	Classification code	Not Applicable
	Special provisions	Not Applicable
14.6 Special precautions for user	Limited quantity	Not Applicable
	Equipment required	Not Applicable
	Fire cones number	Not Applicable

# 14.7. Transport in bulk according to Annex II of MARPOL and the IBC code

#### Not Applicable

#### 14.8. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name Group	
14.9. Transport in bulk in accordance wit	the ICG Code

Product name

Ship Type

### **SECTION 15. Regulatory information**

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

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 92/85/EEC, - 94/33/EC, - 2008/98/EC, - 2010/75/EU; Commission Regulation (EU) 2020/878; Regulation (EC) No 1272/2008 as updated through ATPs.

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

ECHA SUMMARY

Not Applicable

#### National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Not Available
Canada - DSL	Not Available
Canada - NDSL	Not Available
China - IECSC	Not Available
Europe - EINEC / ELINCS / NLP	Not Available
Japan - ENCS	Not Available
Korea - KECI	Not Available
New Zealand - NZIoC	Not Available
Philippines - PICCS	Not Available
USA - TSCA	Not Available
Taiwan - TCSI	Not Available
Mexico - INSQ	Not Available
Vietnam - NCI	Not Available
Russia - FBEPH	Not Available
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

# **SECTION 16.** Other information

#### Full text Risk and Hazard codes

Not Applicable

#### Version Summary

Version	Date of Update	Sections Updated
1	29/APR/2024	Initial version

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered. For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

#### Definitions and abbreviations

ACGIH AIIC BCF: BEI DSL EINECS ELINCS	American Conference of Governmental Industrial Hygienists Australian Inventory of Industrial Chemicals Bio Concentration Factors Biological Exposure Index Domestic Substances List European INventory of Existing Commercial chemical Substances European List of Notified Chemical Substances
ENCS ES	Existing and New Chemical Substances Inventory
ES FBEPH	Exposure Standard Russian Register of Potentially Hazardous Chemical and Biological Substances
IARC	International Agency for Research on Cancer
IECSC	Inventory of Existing Chemical Substance in China
IDLH	Immediately Dangerous to Life or Health Concentrations
INSQ	Inventario Nacional de Sustancias Químicas
KECI:	Korea Existing Chemicals Inventory
LOAEL	Lowest Observed Adverse Effect Level
LOD	Limit Of Detection
NCI	National Chemical Inventory
NDSL	Non-Domestic Substances List
NLP	No-Longer Polymers
NOAEL	No Observed Adverse Effect Level
NZIoC:	New Zealand Inventory of Chemicals
OSF	Odour Safety Factor
OTV PC	Odour Threshold Value
PC PC-STEL	Permissible Concentration
PICCS	Permissible Concentration Short Term Exposure Limit Philippine Inventory of Chemicals and Chemical Substances
STEL	Short Term Exposure Limit
TCSI	Taiwan Chemical Substance Inventory
TEEL	Temporary Emergency Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average