



1. Identification of Substance and Company

Product Name:	Armor All Tech & Screen Wipes
Other Names:	None
HSNO Approval:	Not applicable: non hazardous
UN Number:	Not Applicable
Packaging group:	Not Applicable
Hazchem Code:	1[T] (recommended)
Uses:	Cleaning technology and automotive screens.

Company Details

Company:	Spectrum Brands New Zealand Limited
Address:	Level one, 8 Hugo Johnson Drive, Penrose, 1061, Auckland, New Zealand
Telephone Number:	+64-9-571-7700
Emergency Telephone Number:	0800 764 766

2. Hazard Identification

Hazard Classifications

<p>This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO).</p>	<p>Degree of hazard:</p> <table border="1"> <caption>Degree of Hazard Data</caption> <thead> <tr> <th>Category</th> <th>Degree</th> </tr> </thead> <tbody> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>Acute Toxicity</td> <td>0</td> </tr> <tr> <td>Chronic Toxicity</td> <td>0</td> </tr> <tr> <td>Ecotoxicity</td> <td>0</td> </tr> </tbody> </table>	Category	Degree	Flammability	0	Acute Toxicity	0	Chronic Toxicity	0	Ecotoxicity	0
Category	Degree										
Flammability	0										
Acute Toxicity	0										
Chronic Toxicity	0										
Ecotoxicity	0										
Classes NA											
Symbols: NA											

Other classifications

There are no other Classifications that are known to apply.

Hazard and Precautionary Statements

Hazard Statements	Not applicable – non hazardous
Precautionary Statements	Not applicable

3. Composition/Information on Ingredients

Component	CAS No	Proportion
Ingredients not contributing to HSNO classes	Proprietary	1-3%
Water	7732-18-5	To 100%
Wipes		

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

4. First Aid

General Information

You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (24 hr emergency service).

Recommended first aid facilities	Ready access to running water is recommended.
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Exposure

Swallowed	Do NOT induce vomiting. Give a glass of water to drink. Contact a doctor.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Skin contact	This product is non-irritating to skin. No further measures should be required.
Inhaled	Generally, inhalation of fumes is unlikely to result in adverse health effects. If coughing, dizziness or shortness of breath is experienced, remove the patient to fresh air immediately. If patient is unconscious, place in the recovery position (on the side) for transport and contact a doctor.

Advice to Doctor

Treat symptomatically.



5. Firefighting Measures

Fire and explosion hazards	Non-flammable and non-explosive.
Suitable Extinguishing Substances	Water, water fog, dry chemical, foam or carbon dioxide (CO ₂) fire extinguishers
Unsuitable extinguishing substances	None known.
Protective Equipment	Respiratory protection.
Danger caused by material, its combustion products or gases produced	Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke.
Hazchem Code	1[T] (note: not a dangerous good)

6. Accidental Release Measures

Containment	There is no current legal requirement for containment of this product. Secondary containment is recommended.
Emergency procedures	The packaging and nature of the product generally will prevent major spills. If wipes do spill: Stop spill if safe/necessary Isolate area (ensure no persons inside spill area) Collect wipes – see below Transfer to container for disposal
Clean-up method	Dispose of according to guidelines below (Section 13) This product is not considered flammable or ecotoxic. Small spills do not require any special clean up method. Larger spills should be mopped up and collected.
Disposal	Wear protective footwear, overalls, gloves and safety glasses to clean-up large spills.
Precautions	Prevent spillage from spreading or entering soil, waterways or drains.

7. Handling and Storage

Storage	Avoid storage of toxic substances with food. Store out of reach of children. Avoid contact with incompatible substances, as listed in Section 10.
Handling	Keep exposure to a minimum, and minimise the quantities kept in work areas. See section 8 with regard to personal protective equipment requirements.

8. Exposure Controls/Personal Protection Equipment

Workplace Exposure Standards
A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product. There is a general limit of 10mg/m³ for dusts and mists when limits have not otherwise been established.

NZ Workplace Exposure Standards (OSH, 2016).	Ingredient	WES- TWA	WES- STEL
	No ingredient listed		

Engineering Controls
In industrial situations, it is expected that employee exposure to hazardous substances will be controlled to a level as far below the WES as practicable by applying the hierarchy of control required by the Health and Safety at Work Act (2015) and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016. Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify processes or increase ventilation.

<i>Personal Protective Equipment</i>	
Eyes	Use eye protection if direct contact is likely.
Skin	Use gloves if handling product for prolonged or repeated period (rubber or PVC preferably). Wash hands with soap and water after use.
Respiratory	A respirator when airborne concentrations approach the WES (section 8). If using a respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order.

9. Physical and Chemical Properties

Appearance:	Colourless liquid on a tissue wipe
Odour	Characteristic odour
pH	6-7
Vapour pressure	2.37kPa at 20°C (water vapour pressure)
Vapour density	No data
Boiling point	Liquid: ~100°C at 100kPa
Softening/melting point	~0°C
Solubility	Liquid is easily soluble in water, wipes are insoluble in water.
Specific gravity or density	~1.00 at 25°C
Flash point	Not applicable (does not burn)
Upper & lower flammable limits	Not applicable (does not burn)
Auto ignition temperature	Not applicable (does not burn)
Corrosivity	Non corrosive



10. Stability and Reactivity			
Stability	Stable under use and normal conditions		
Conditions to be avoided	No data		
Incompatible materials	No data		
Hazardous decomposition products	Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke.		
Hazardous reactions	No specific hazards.		
11. Toxicological Information			
<i>Summary</i>			
Limited data available on the mixture. This product is not considered toxic if swallowed, absorbed through the skin or inhaled. It is considered a skin and eye irritant. There are no long-term effects associated with exposure by any route.			
<i>Supporting Data</i>			
Acute:	Oral	This mixture is expected to be not harmful if swallowed.	
	Dermal	No evidence of dermal toxicity.	
	Inhaled	No evidence of inhalation toxicity.	
	Eye	This mixture is not considered to be an eye irritant.	
	Skin	This mixture is not considered to be a skin irritant.	
Chronic:	Sensitisation:	No evidence of sensitisation for the mixture of any of its components (>0.1%).	
	Mutagenicity:	No evidence of mutagenicity for the mixture or any of its components (>0.1%)	
	Carcinogenicity:	No evidence of carcinogenicity for the mixture.	
	Reproductive / Developmental:	Insufficient evidence of reproductive toxicity for the mixture or any of its components (>0.1%). No evidence of developmental toxicity for the mixture or any of its components (>0.1%)	
	Systemic:	No evidence of systemic toxicity for the mixture or any of its components (>0.1%)	
Aggravation of Existing Conditions:	None known.		
12. Ecological Data			
<i>Summary</i>			
Limited data available on the mixture. This product is not considered ecotoxic in water or to land-based animals.			
<i>Supporting Data</i>			
Aquatic	Limited data available on the mixture.		
Bioaccumulation	Not considered bioaccumulative (>60% water, no evidence for any ingredient present >1%)		
Degradability	Considered rapidly degradable.		
Soil	Not considered toxic in soil (>60% water, no evidence for any ingredient)		
Terrestrial Vertebrate	Animal-based acute toxicity data indicates low toxicity for terrestrial vertebrates		
Terrestrial Invertebrate	No evidence of terrestrial invertebrate toxicity for the mixture or any of its components (>0.1%)		
Biocidal	The product is not designed as a biocide.		
13. Disposal Considerations			
Restrictions	There are no product-specific restrictions, however, local council and resource consent conditions may apply, including requirements of trade waste consents.		
Disposal method	Dispose of residue and solutions that cannot be reused to sewer. If this is not possible dilute with water (at least 5 times as much water) and drain.		
Contaminated Packaging	Rinse containers with water before disposal. Preferably re-cycle container, otherwise send to landfill or similar.		
14. Transport Information			
Transport according to NZS 5433 (Transport of Hazardous Substances on Land). There are no specific restrictions for this product (not a dangerous good).			
UN Number	Not applicable	Proper Shipping Name	Not applicable
Class(es)	Not applicable	Packing group	Not applicable
Precautions	Not applicable	HAZCHEM code	1[T] (not a dangerous good)
15. Regulatory Information			
This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO).			
<i>Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)</i>			
No workplace controls apply to this product (non hazardous).			
<i>Other Legislation</i>			
In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health and Safety at Work Act 2015 and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, local Council Rules and Regional Council Plans.			



16. Other Information	
<i>Abbreviations</i>	
Approval Code	NA – non hazardous. Controls, EPA. www.epa.govt.nz
CAS Number	Unique Chemical Abstracts Service Registry Number
Ceiling	Ceiling Exposure Value: The maximum airborne concentration of a biological or chemical agent to which a worker may be exposed at any time.
Controls Matrix	List of default controls linking regulation numbers to Matrix code (e.g. T1, I16).
EC₅₀	Ecotoxic Concentration 50% – concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species)
EPA	Environmental Protection Authority (New Zealand)
HAZCHEM Code	Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters
HSNO	Hazardous Substances and New Organisms (Act and Regulations)
IARC	International Agency for Research on Cancer
LEL	Lower Explosive Limit
LD₅₀	Lethal Dose 50% – dose which is fatal to 50% of a test population (usually rats).
LC₅₀	Lethal Concentration 50% – concentration in air which is fatal to 50% of a test population (usually rats)
MSDS/SDS	Material Safety Data Sheet (or Safety Data Sheet)
PES	Prescribed Exposure Standard means a WES or a biological exposure standard that is prescribed in a regulation, a safe work instrument or an approval under HSNO (including group standards).
STEL	Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded
TWA	Time Weighted Average – generally referred to WES averaged over typical work day (usually 8 hours)
UEL	Upper Explosive Limit
UN Number	United Nations Number
WES	Workplace Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours, 5 days a week). The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the worker's breathing zone.
<i>References</i>	
Data	Unless otherwise stated comes from the EPA HSNO chemical classification information database (CCID).
WES 2016	The NZ Workplace Exposure Standards Effective from 2016, published by WorkSafe NZ and available on their web site – www.worksafe.govt.nz .
WES 2002	Workplace Exposure Standards published by the Occupational Safety and Health Service, Department of Labour, January 2002, ISBN 0-477-03660-0. These are the WES referred to under the Group Standard (HSNO approval) and may constitute a PES.
Other References	Suppliers MSDS
<i>Review</i>	
Date	Reason for Review
December 2012	NA - New MSDS
November 2016	Change of logo and company name, HSE to HSAW, formatting.
<i>Disclaimer</i>	
<p>This SDS was prepared by Datachem LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely HSNO classifications, are based on our experience, EPA Guidelines and international classifications. This SDS is copyright Datachem and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email info@datachem.co.nz or phone: (09) 940 30 80.</p>	