

Safety Data Sheet

SOFT CARE S.S H34

Revision: 2021-08-09 **Version:** 02.1

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier

Product name: SOFT CARE S.S H34

1.2 Recommended use and restrictions on use

Identified uses: Anti-bacterial handwash Restrictions of use:

Uses other than those identified are not recommended

1.3 Details of the supplier

Diversey Australia Pty. Limited 29 Chifley St, Smithfield, NSW, 2164, Australia Telephone: 1800 647 779 (toll free) Fax: (02) 9725 5767 Email: aucustserv@diversey.com

Website: www.diversey.com/

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible) Call 1800 033 111 (24hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Serious eye irritation, Category 2

2.2 Label elements

This product is exempted from labelling requirements.

2.3 Other hazards

No other hazards known.

SECTION 3: Composition/information on ingredients

3.1 Substances / Mixtures

Ingredient(s)	CAS number	EC number	Weight percent
chlorhexidine digluconate	18472-51-0	242-354-0	1-3
sodium cocoamphopropionate	93820-52-1	946-533-0	1-3
2-phenoxyethanol	122-99-6	204-589-7	1-3

Non-hazardous ingredients are the remainder and add up to 100%.

[4] Polymer.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Get medical attention or advice if you feel unwell.

Skin contact: If skin irritation occurs: Get medical advice or attention.

Eye contact: Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical

attention.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious

person. Get medical attention or advice if you feel unwell.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

First aid facilities: Eyewash facilities should be considered in a workplace where necessary.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:No known effects or symptoms in normal use.Skin contact:No known effects or symptoms in normal use.Eye contact:No known effects or symptoms in normal use.Ingestion:No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found

in section 11.

Poison Information Center: Call 13 11 26 (Australia Wide).

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

5.4 Hazchem code

None allocated

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless adviced by Diversey.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original packaging. Keep from freezing.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls: No special requirements under normal use conditions. Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection: No special requirements under normal use conditions. Hand protection: Not applicable.

Body protection: No special requirements under normal use conditions. Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State: Liquid Colour: Hazy , Colourless Odour: No Odor/Odorless Odour threshold: Not applicable

pH: ≈ 7 (neat) ISO 4316

Melting point/freezing point (°C): Not determined Not relevant to classification of this product Initial boiling point and boiling range (°C): Not determined

Flammability (liquid): Not flammable.

Flash point (°C): Not applicable. Sustained combustion: Not applicable.

(UN Manual of Tests and Criteria, section 32, L.2)

Evaporation rate: Not determined Not relevant to classification of this product

Flammability (solid, gas): Not applicable to liquids

Lower and upper explosion limit/flammability limit (%): Not determined

Vapour pressure: Not determined Relative vapour density Not determined Relative density: ≈ 1.04 (20 °C)

Solubility in / Miscibility with Water: Fully miscible

Partition coefficient: n-octanol/water No information available.

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

Viscosity: ≈ 875 mPa.s (20 °C) **Explosive properties:** Not explosive. Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined Corrosion to metals: Not corrosive

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

Method / remark

Not relevant to classification of this product

OECD 109 (EU A.3)

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixture data:.

Relevant calculated ATE(s): ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

Acute toxicity

	toxicity

Ingredient(s)	En	ndpoint	Value (mg/kg)	Species	Method	Exposure time (h)
chlorhexidine diglucona	ite	LD 50	> 2000	Rat	OECD 401 (EU B.1)	
sodium cocoamphopropio	nate	LD 50	> 2000	Rat	Method not given	
2-phenoxyethanol		LD 50	1840	Rat	OECD 401 (EU B.1)	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
chlorhexidine digluconate	LD 50	> 5000	Rabbit	EPA OPP 81-2	
sodium cocoamphopropionate	LD 50	> 2000	Rat	Read across	
2-phenoxyethanol	LD 50	> 2214	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
chlorhexidine digluconate		No data available			
sodium cocoamphopropionate		No data available			
2-phenoxyethanol	LC₀	> 1 (mist)	Rat	Method not given	6

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
chlorhexidine digluconate	Not irritant	Rabbit	OECD 404 (EU B.4)	4 hour(s)
sodium cocoamphopropionate	Not irritant	Rabbit	OECD 439	
2-phenoxyethanol	Not irritant	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
chlorhexidine digluconate	Severe damage	Rabbit	OECD 405 (EU B.5)	
sodium cocoamphopropionate	Severe damage	Rabbit	OECD 438	
2-phenoxyethanol	Irritant	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	Irritating to			
	respiratory tract			
2-phenoxyethanol	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
chlorhexidine digluconate	Not sensitising	Guinea pig	Method not given	
sodium cocoamphopropionate	Sensitising	Mouse	OECD 429 (EU B.42)	
2-phenoxyethanol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
chlorhexidine digluconate	No data available			
sodium cocoamphopropionate	Not sensitising		Method not given	
2-phenoxyethanol	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Mutagenicity

Ingredient(s)	Result (in-vitro)	Method	Result (in-vivo)	Method
		(in-vitro)		(in-vivo)
chlorhexidine digluconate	No evidence of genotoxicity, negative	OECD 471 (EU	No evidence of genotoxicity, negative	OECD 474 (EU
	test results	B.12/13) OECD	test results No evidence for	B.12)
		476 (HGPRT)	mutagenicity	
		OECD 473		
sodium cocoamphopropionate	No data available		No data available	
2-phenoxyethanol	No evidence for mutagenicity, negative	Method not	No data available	
	test results	given		

Carcinogenicity

Ingredient(s)	Effect
chlorhexidine digluconate	No evidence for carcinogenicity, negative test results
sodium cocoamphopropionate	No data available
2-phenoxyethanol	No evidence for carcinogenicity, weight-of-evidence

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
chlorhexidine digluconate			-	Rat	Weight of evidence OECD 414 (EU B.31), oral		No evidence for reproductive toxicity No evidence for developmental toxicity No evidence for teratogenic effects
sodium cocoamphopropionate			No data available				
2-phenoxyethanol			No data available				No evidence for reproductive toxicity No known significant effects or critical hazards

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
2-phenoxyethanol		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Specific effects and organs
		(mg/kg bw/d)			time (days)	affected
chlorhexidine digluconate		No data				
_		available				
sodium cocoamphopropionate		No data				
		available				
2-phenoxyethanol		No data				
		available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
2-phenoxyethanol		No data				

	available		

Chronic toxicity

Ingredient(s)	Exposure	Endpoint	Value	Species	Method	Exposure	Specific effects and	Remark
	route		(mg/kg bw/d)			time	organs affected	
chlorhexidine			No data					
digluconate			available					
sodium			No data					
cocoamphopropionate			available					
2-phenoxyethanol	_		No data					
			available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
chlorhexidine digluconate	Not applicable
sodium cocoamphopropionate	No data available
2-phenoxyethanol	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
chlorhexidine digluconate	Not applicable
sodium cocoamphopropionate	No data available
2-phenoxyethanol	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
chlorhexidine digluconate	LC 50	2.08	Brachydanio	OECD 203 (EU C.1)	96
			rerio		
sodium cocoamphopropionate	LC 50	4.2	Oncorhynchus	OECD 203 (EU C.1)	96
			mykiss	Read across	
2-phenoxyethanol	LC 50	344	Pimephales	Method not given	96
			promelas		

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
chlorhexidine digluconate	EC 50	0.087 (measured)	Daphnia magna Straus	OECD 202 (EU C.2)	48
sodium cocoamphopropionate	EC 50	2.5	Daphnia magna Straus	OECD 202 (EU C.2) Read across	48
2-phenoxyethanol	EC 50	> 500	Daphnia magna Straus	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
chlorhexidine digluconate	Er C 50	0.081	Desmodesmus	OECD 201 (EU C.3)	72
		(measured)	subspicatus		
sodium cocoamphopropionate		No data			
		available			
2-phenoxyethanol	EC 50	> 500	Desmodesmus	DIN 38412, Part 9	72
			subspicatus		ľ

Aquatic short-term	toxicity -	marine	enecies
Aqualic Short-lenn	toxicity -	manne	opecies

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	
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	(mg/l)	ti	ime (days)
chlorhexidine digluconate	No data		
	available		
sodium cocoamphopropionate	No data		
	available		
2-phenoxyethanol	No data		
	available		

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
chlorhexidine digluconate	EC 50	25	Activated sludge	OECD 209	3 hour(s)
sodium cocoamphopropionate		No data available			
2-phenoxyethanol	EC 20	620	Activated sludge	ISO 8192	0.5 hour(s)

Aquatic long-term toxicity Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
chlorhexidine digluconate		No data available				
sodium cocoamphopropionate		No data available				
2-phenoxyethanol	NOEC	23	Pimephales promelas	Method not given	34 day(s)	

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
chlorhexidine digluconate	NOEC	0.0206 (measured)	Daphnia magna	OECD 211	21 day(s)	
sodium cocoamphopropionate		No data available				
2-phenoxyethanol	NOEC	9.43	Daphnia magna	OECD 211	21 day(s)	

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
chlorhexidine digluconate	NOEC	21	Chironomus riparius	OECD 218		

Terrestrial toxicityTerrestrial toxicity - soil invertebrates, including earthworms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
chlorhexidine digluconate	NOEC	> 1000	Eisenia fetida	OECD 207	14	
2-phenoxyethanol	LD 50	1000	Eisenia fetida	OECD 207	14	

Terrestrial toxicity - plants if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
chlorhexidine digluconate	EC 50	526	Brassica napus	OECD 208	21	
2-phenoxyethanol	EC 50	34	Brassica napus	OECD 208	19	

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s) Endpoint		Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
2-phenoxyethanol		147	Not specified	OECD 217	7	

12.2 Persistence and degradability Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

more are greaterment. principal are greaterment and, in a				
Ingredient(s)	Half-life time	Method	Evaluation	Remark
chlorhexidine digluconate	No data available	QSAR Read across	Rapidly photodegradable	Estimate

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
chlorhexidine digluconate	> 365 day(s)	OECD 111		

Abiotic degradation - other processes, if available:

- 1	widte augradation our					
	Ingredient(s)	Type	Half-life time	Method	Evaluation	Remark
	chlorhexidine digluconate	Photolysis	8.6- 69.1 day(s)	Method not given	Degradable by photolysis in water	

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT 50	Method	Evaluation
chlorhexidine digluconate				Weight of evidence	Not readily biodegradable.
sodium cocoamphopropionate	Activated sludge, aerobe	Oxygen depletion	71 % in 28 day(s)	OECD 301F	Readily biodegradable
2-phenoxyethanol		COD removal	90 % in 28 day(s)	OECD 301F	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
chlorhexidine digluconate	-1.81	OECD 107		
sodium cocoamphopropionate	No data available			
2-phenoxyethanol	1.2	OECD 107	No bioaccumulation expected	

Bioconcentration factor (BCF)

bioconcentration factor (BCF)					
Ingredient(s)	Value	Species	Method	Evaluation	Remark
chlorhexidine	42		Weight of evidence	Low potential for bioaccumulation	
digluconate					
sodium	No data available				
cocoamphopropionate					
2-phenoxyethanol	0.35		Method not given	No bioaccumulation expected	

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Adsorption/Desorption to soil or sealment Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
chlorhexidine digluconate	> 3.9		OECD 121		
sodium cocoamphopropionate	No data available				
2-phenoxyethanol	40.74	No data available	Method not given		High potential for mobility in soil

12.5 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging

Recommendation: Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary with cleaning agent.

SECTION 14: Transport information



ADG, IMO/IMDG, ICAO/IATA 14.1 UN number: 3082

14.2 UN proper shipping name:

Environmentally hazardous substance, liquid, n.o.s. (chlorhexidine digluconate)

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 9

14.4 Packing group: ||| 14.5 Environmental hazards:

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6 Special precautions for user: None known.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: The product is not transported in bulk tankers.

Other relevant information: Hazchem code: None allocated

The product has been classified, labelled and packaged in accordance with the requirements of ADG7.7 Code and the provisions of the IMDG Code.

Transport regulations include special provisions for dangerous goods packed in small quantities classified under UN3077 or UN3082 (a) IMDG 2.10.2.7 exception: Labelling and packaging not subject to this Code when package in single or combination packagings containing a net quantity per single or inner packaging of 5L(kg) or less

(b) ADG 7.6 SP No. AU01 exception: Labelling and packaging not subject to this Code when transported by road or rail in packagings not > 500 kg(L) or IBCs

SECTION 15: Regulatory information

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

National regulations Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by

Safework Australia.

Poison schedule A poison schedule number has not been allocated to this product using the criteria in the Standard

for the Uniform Scheduling of Medicines and Poisons (SUSMP).

 Classification
 Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by

Safework Australia. GHS labelling does not apply to cosmetics (WHS regulation 335).

Inventory listing(s)

Australian Inventory of Industrial Chemicals: All components are listed on the inventory, or are

exempt.

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MS31000769 **Version**: 02.1 **Revision**: 2021-08-09

Additional information:

Respirators: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

Work practices - solvents: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

Exposure standards - Time Weighted Average (TWA) or Workplace Exposure Standard (WES) (NZ): Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

Personal protective equipment guidelines: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health effects from exposure: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations and acronyms:

- DNEL Derived No Effect Limit
- · AUH Non GHS hazard statement
- PNEC Predicted No Effect Concentration

- ATE Acute Toxicity Estimate
 LD50 Lethal Dose, 50% / Median Lethal dose
 LC50 Lethal Concentration, 50% / Median Lethal Concentration
- EC50 effective concentration, 50%
- NOEL No observed effect level
- NOAEL No observed adverse effect level
- STOT-RE Specific target organ toxicity (repeated exposure)
- STOT-SE Specific target organ toxicity (single exposure)
- EC No. European Community Number
 OECD Organization for Economic Cooperation and Development

End of Safety Data Sheet