

Safety Data Sheet

CLAX REVOFLOW OXI 43X3

Revision: 2021-12-13 **Version:** 02.1

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier

Product name: CLAX REVOFLOW OXI 43X3

1.2 Recommended use and restrictions on use

Identified uses: Oxygen bleach 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

Reproductive toxicity, Category 1B Serious eye damage, Category 1

2.2 Label elements



Signal word: Danger

Hazard statements:

H360 - May damage fertility or the unborn child.

H318 - Causes serious eye damage.

Prevention statement(s):

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P233 - Keep container tightly closed.

P280 - Wear protective gloves, protective clothing and eye or face protection.

P281 - Use personal protection equipment as required.

Response statement(s):

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 - IF exposed or concerned: Get medical advice or attention.

P310 - Immediately call a POISON CENTRE, doctor or physician.

Storage statement(s):

P405 - Store locked up.

Disposal statement(s):

P501 - Dispose of unused content as chemical waste.

2.3 Other hazards

No other hazards known.

2.4 Classification diluted product:

Recommended maximum concentration (% w/w): 0.05

SECTION 3: Composition/information on ingredients

3.1 Substances / Mixtures

Ingredient(s)	CAS number	EC number	Weight
			percent
perboric acid (HBO(O2)), sodium salt, monohydrate	10332-33-9	231-556-4	10-30
sodium percarbonate	15630-89-4	239-707-6	3-10
alkyl alcohol ethoxylate	64425-86-1	[4]	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

General Information: IF exposed or concerned: Get medical advice or attention. Symptoms of intoxication may even

occur after several hours. It is recommended to continue medical observation for at least 48 hours after the incident. If breathing is irregular or stopped, administer artificial respiration. Provide fresh

air. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Inhalation:

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE, doctor or

physician.

Wash skin with plenty of lukewarm, gently flowing water. If skin irritation or rash occurs: Get medical Skin contact:

advice or attention.

Eye contact: Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE,

doctor or physician.

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: May cause respiratory irritation. May damage fertility or the unborn child.

Skin contact: May damage fertility or the unborn child. Eye contact: Causes severe or permanent damage. Ingestion: May damage fertility or the unborn child.

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

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

Ensure adequate ventilation. Do not breathe dust or vapour. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up

Collect mechanically. Ensure adequate ventilation.

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. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Diversey. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Store used personal protective equipment separately. Use personal protective equipment as required. Obtain special instructions before use. Avoid contact with eyes. Do not breathe dust. Do not breathe vapours. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original packaging. Store in a closed container. Store in a well-ventilated place.

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: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: Safety glasses or goggles (AS/NZS 1337.1).

Hand protection: Chemical-resistant protective gloves (AS/NZS 2161.10). Verify instructions regarding permeability

and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested aloves for prolonged contact time and temperature.

Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm

Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may

be chosen.

Body protection: Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may

occur (EN ISO 13982-1).

Respiratory protection: If exposure to dust cannot be avoided use: half mask (EN 140) or full-face mask (EN 136) with

particle filter P1 (EN 143) Consider specific local use conditions. In consultation with the supplier of

respiratory protection equipment a different type providing similar protection may be chosen. with

particle filter P2 (EN 143)

Environmental exposure controls: No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 0.05

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

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Method / remark

Physical state: Solid Appearance: Powder Colour: Medium , White Odour: Product specific Odour threshold: Not applicable

pH: Not applicable NA (neat) ISO 4316 **Dilution pH:** ≤ 10 (10%) 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 Not applicable to solids or gases

Flammability (liquid): Not applicable. 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 determined

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

Vapour pressure: Not determined

Relative vapour densityNo data availableNot applicable to solidsRelative density:≈ 0.90 (20 °C)OECD 109 (EU A.3)

Solubility in / Miscibility with Water: Soluble

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: Not determined

Explosive properties: Not explosive. **Oxidising properties:** Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined

Corrosion to metals: Not determined Not applicable to solids or gases

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

Not applicable to solids or gases

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

Reacts with acids.

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 ATE - Inhalatory, mists (mg/l): 2.5

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

Acute toxicity Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate		13000	Rat	EPA OPP 81-1	
sodium percarbonate	LD 50	1034	Rat	Method not given	
alkyl alcohol ethoxylate		No data available			

Acute dermal toxicity

Acute dermai toxicity					
Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/kg)			time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate		> 2000	Rabbit	OECD 402 (EU B.3)	
sodium percarbonate	LD 50	> 2000	Rabbit	OECD 402 (EU B.3)	
alkyl alcohol ethoxylate		No data			
		available			

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate		1165	Rat		
sodium percarbonate		No data available			
alkyl alcohol ethoxylate		No data available			

Irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
perboric acid (HBO(O2)), sodium salt, monohydrate	Irritant			
sodium percarbonate	Not irritant	Rabbit	Method not given	
alkyl alcohol ethoxylate	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
perboric acid (HBO(O2)), sodium salt, monohydrate	Irritant			
sodium percarbonate	Severe damage	Rabbit	EPA OPP 81-4	
alkyl alcohol ethoxylate	No data available		_	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
perboric acid (HBO(O2)), sodium salt, monohydrate	Not irritating to			

	respiratory tract			
sodium percarbonate	Irritating to	Mouse	Method not given	
	respiratory tract			
alkyl alcohol ethoxylate	No data available			

Sensitisation Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate	Not sensitising			
sodium percarbonate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
alkyl alcohol ethoxylate	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
perboric acid (HBO(O2)), sodium salt, monohydrate	Not sensitising			
sodium percarbonate	No data available			
alkyl alcohol ethoxylate	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
perboric acid (HBO(O2)), sodium salt, monohydrate	No data available		No data available	
sodium percarbonate	No data available		No data available	
alkyl alcohol ethoxylate	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
perboric acid (HBO(O2)), sodium salt, monohydrate	No data available
sodium percarbonate	No data available
alkyl alcohol ethoxylate	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
perboric acid (HBO(O2)), sodium salt, monohydrate			No data available				
sodium percarbonate			No data available				
alkyl alcohol ethoxylate			No data available				

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

Ingredient(s)	Endpoint	Value	Species	Method		Specific effects and organs
		(mg/kg bw/d)			time (days)	affected
perboric acid (HBO(O2)), sodium salt, monohydrate		No data				
		available				
sodium percarbonate		No data				
		available				
alkyl alcohol ethoxylate		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
perboric acid (HBO(O2)), sodium salt, monohydrate		No data				
		available				
sodium percarbonate		No data				
·		available				
alkyl alcohol ethoxylate		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
perboric acid (HBO(O2)), sodium salt, monohydrate		No data				
		available				
sodium percarbonate		No data				

	available		
alkyl alcohol ethoxylate	No data		
	available		

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
perboric acid (HBO(O2)), sodium salt, monohydrate			No data available				•	
sodium percarbonate			No data available					
alkyl alcohol ethoxylate			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
perboric acid (HBO(O2)), sodium salt, monohydrate	No data available
sodium percarbonate	No data available
alkyl alcohol ethoxylate	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
perboric acid (HBO(O2)), sodium salt, monohydrate	No data available
sodium percarbonate	No data available
alkyl alcohol ethoxylate	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

Ingredient(s)	Endpoint	Value	Species	Method	Exposure
		(mg/l)			time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate	LC 50	51	Brachydanio rerio	OECD 203, semi-static	96
sodium percarbonate	LC 50	70.7	Pimephales promelas	Method not given	96
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate	EC 50	11	Daphnia magna Straus	OECD 202, semi-static	48
sodium percarbonate	EC 50	4.9	Daphnia pulex	Method not given	48
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
perboric acid (HBO(O2)), sodium salt, monohydrate	EC 50	3.3	Pseudokirchner iella subcapitata	OECD 201, static	72
sodium percarbonate	EC 50	2.5	Chlorella vulgaris	Read across	
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
perboric acid (HBO(O2)), sodium salt, monohydrate		No data			
		available			
sodium percarbonate		No data			
		available			
alkyl alcohol ethoxylate		No data			
		available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
perboric acid (HBO(O2)), sodium salt, monohydrate		No data available			
sodium percarbonate	EC 50	466	Activated sludge	OECD 209	0.5 hour(s)
alkyl alcohol ethoxylate		No data available			

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

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
		(mg/l)			time	
perboric acid (HBO(O2)), sodium salt, monohydrate		No data				
		available				
sodium percarbonate	NOEC	7.4	Pimephales	Method not	96 hour(s)	
'			promelas	given	()	
alkyl alcohol ethoxylate		No data				
		available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
perboric acid (HBO(O2)), sodium salt, monohydrate		No data				
		available				
sodium percarbonate	NOEC	2	Daphnia pulex	Method not	48 hour(s)	
				given		
alkyl alcohol ethoxylate		No data				
		available				

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

Terrestrial toxicity

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

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation
Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
sodium percarbonate	NA	Method not given		

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
sodium percarbonate	< 1 day(s)	Method not given	Hydrolysible	

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical	DT 50	Method	Evaluation	1

	method		
perboric acid (HBO(O2)), sodium salt, monohydrate			Not applicable (inorganic
			substance)
sodium percarbonate			Not applicable (inorganic
·			substance)
alkyl alcohol ethoxylate		OECD 301B	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
perboric acid (HBO(O2)), sodium salt,	No data available			
monohydrate				
sodium percarbonate	No data available			
alkyl alcohol ethoxylate	-		No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
perboric acid (HBO(O2)), sodium salt, monohydrate	No data available				
sodium percarbonate	No data available				
alkyl alcohol ethoxylate	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
perboric acid (HBO(O2)), sodium salt, monohydrate	No data available				
sodium percarbonate	No data available				High potential for mobility in soil
alkyl alcohol ethoxylate	No data available				

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.

SECTION 14: Transport information

ADG, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods **14.3 Transport hazard class(es):** Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Non-dangerous goods

Hazchem code: None allocated

SECTION 15: Regulatory information

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

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

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.

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 quarantee for any specific product features and does not establish a legally binding contract

SDS code: MS31000591 Version: 02.1 Revision: 2021-12-13

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.

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:

- DNFL Derived No Effect Limit
- · AUH Non GHS hazard statement
- PNEC Predicted No Effect Concentration
- ATE Acute Toxicity Estimate
- · LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LD50 Lethal Dose, 50% / Median Lethal dose
- STOT-RE Specific target organ toxicity (repeated exposure)
 STOT-SE Specific target organ toxicity (single exposure)
- EC No. European Community Number

End of Safety Data Sheet