



<b>MATERIAL SAFETY DATA SHEET</b>		<b>Chemical: CARBSOLVE/ Tiger Powder</b> <b>Date Issued: 7 January 2013</b> <b>Page: 1 of 4</b>	
<b>COMPANY DETAILS</b>			
<b>Supplier Name:</b>	Fat Tank Singapore Pte Ltd	<b>Emergency Tel:</b>	+65 911 46485
<b>Address:</b>	1 Holt Road #06-01, The Horizon, Singapore 249441	<b>Email:</b>	sales@fattankinternational.com
<b>Tel:</b>	+65 911 46485		
<b>1. Product and Company Identification</b> (Page 1 may be used as an emergency safety sheet)			
<b>Chemical Family:</b>	Alkaline Detergent	<b>NIOSH No:</b>	N/A
		<b>UN No:</b>	N/A
<b>Chemical Name:</b>	CARBSOLVE/ Tiger Powder	<b>Hazchem Code:</b>	Non Hazardous
<b>Synonyms:</b>	None	<b>Chemical Abstract No:</b>	497-19-8
<b>2. Composition</b>			
<b>Hazardous Components:</b>	None as found on the CAS list listing SABS 1828 Food Grade		
<b>EEC Classification:</b>	207-838-8		
<b>R Phrases:</b>	Contains Sodium Carbonate R36 – Possibly Irritating to eyes S22 – In case of inhalation, go outside for fresh air S26 – In case of contact with eyes, rinse immediately and if necessary seek medical advise.		
<b>3. Hazardous Identification</b>			
<b>Main Hazard:</b>	Avoid contact with dust.		
<b>Flammability:</b>	Non-Flammable - will give off poisonous gas in a large fire.		
<b>Reproductive Hazard:</b>	None		
<b>Chemical Hazard:</b>	497-19-8	<b>Biological Hazard:</b>	7758-29-4
<b>Eye effect:</b>	<b>Eyes:</b>	Possible Irritation	
<b>Health effects:</b>	<b>Skin:</b>	None	
<b>Health effects:</b>	<b>Ingestion:</b>	< 50g – no effect, >50g – upset stomach	
<b>Health effects:</b>	<b>Inhalation:</b>	Possible Irritation of respiratory tract	
<b>Carcinogenicity:</b>	NIL	<b>Mutagenicity:</b>	None
<b>Neurotoxicity:</b>	Slightly Toxic LD50 0.5 – 5g/kg		

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<b>4. First Aid Measures:</b>	
<b>Product in the eye:</b>	Flush with water for 15 minutes and if necessary seek medical attention.
<b>Product on the skin:</b>	Wash with water if necessary.
<b>Product Ingested:</b>	> 50g – induce vomiting, give milk, eggs or olive oil, seek medical attention if necessary.
<b>Product inhaled:</b>	Remove from exposure.
<b>5. Fire Fighting Measures:</b>	
<b>Extinguishing Media:</b>	Non flammable
<b>Special Hazards:</b>	NONE
<b>Protective Clothing:</b>	NONE
<b>6. Accidental Release Measures:</b>	
<b>Personal Precautions:</b>	Avoid breathing in dust and ingesting powder.
<b>Environmental Precautions:</b>	Remove spilled material.
<b>Small Spills:</b>	Dispose into refuse.
<b>Large Spills:</b>	Remove spilled material.
<b>7. Handling and Storage:</b>	
<b>Suitable Material:</b>	LAMINATED BAGS
<b>Handling / Storage Precautions:</b>	COOL DRY PLACE
<b>8. Exposure Controls / Personal Protection:</b>	
<b>Occupational Exposure Limits:</b>	None of the components have an individual occupational exposure limit (HSE dos EH 40/93)
<b>Engineering Control Measures:</b>	Suggest an Extractor Fan
<b>Personal Protection:</b>	<b>Hands:</b> None
<b>Personal Protection:</b>	<b>Eyes:</b> None
<b>Personal Protection:</b>	<b>Skin:</b> None
<b>Other Protection:</b>	None

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<b>9. Physical and Chemical Properties:</b>	
<b>Appearance:</b>	WHITE POWDER
<b>Odour:</b>	Odourless
<b>pH:</b>	10-11
<b>Boiling Point:</b>	Powder form – No boiling point
<b>Melting Point:</b>	Powder form – No melting point
<b>Flash Point:</b>	No boiling point
<b>Flammability:</b>	Non flammable - will give off poisonous gas in a fire.
<b>Auto Flammability:</b>	Nil
<b>Explosive Properties:</b>	Non-explosive
<b>Oxidizing Properties:</b>	Non-oxidising
<b>Vapour Pressure:</b>	at 20 degrees C - 29.9 mbar
<b>Density:</b>	(Air = 1) = > 1.0
<b>Solubility: Water:</b>	Soluble
<b>Solubility: Solvent:</b>	Insoluble
<b>Solubility: Coefficient:</b>	N/A
<b>Neurotoxicity:</b>	Slightly Toxic LD50 0.5 – 5g/kg
<b>10. Stability and Reactivity:</b>	
<b>Conditions to Avoid:</b>	Fire & Acids
<b>Incompatible Materials:</b>	Acids, chlorinated products
	Will give off poisonous gas.
<b>Hazardous decomposition products:</b>	Poisonous gas.

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<b>11. Toxicological Information:</b>			
<b>Acute Toxicity:</b>	LD50 0.5 – 5g/kg (rat)		
<b>Skin and Eye Contact:</b>	IRRITANT		
<b>Chronic Toxicity:</b>	Classified as slightly toxic		
<b>Carcinogenicity:</b>	Not carcinogenic	<b>Mutagenicity:</b>	Not mutagenic
<b>Reproduction Hazards:</b>	None		
<b>12. Ecological Information:</b>			
<b>Aquatic Toxicity:</b>	<b>Fish:</b>	Non-Toxic	
<b>Aquatic Toxicity:</b>	<b>Daphnia:</b>	Non-Toxic	
<b>Aquatic Toxicity:</b>	<b>Algae:</b>	Non-Toxic	
<b>Biodegradability:</b>	Bio-degradable with the exception of phosphates		
<b>Bio-accumulation:</b>	Phosphates >	<b>Mobility:</b>	Unknown
<b>13. Disposal Considerations:</b>			
<b>Disposal Methods:</b>	Dispose into refuse/remove spilled material		
<b>Disposal of Packaging:</b>	Normal/ Recycle		
<b>14. Transport Information:</b>			
No special shipping/transportation requirements are necessary.			
<b>15. Regulatory Information:</b>			
<b>EEC Hazard classification:</b>	207-838-8		
<b>Risk Phases:</b>	R36	<b>Safety Phases:</b>	S22 / S26
<b>National Legislation:</b>	None		
<b>16. Other Information:</b>			
The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.			