

ANNEXURE 9

An analysis of the specified GHS label elements and the labels currently implemented

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
PHYSICAL HAZARDS						
1. Explosive		Explosives	Symbol – Exploding bomb Signal Word - Explosive Risk Phrases – i) Risk by explosion by shock, friction, fire or other sources of ignition ii) Extreme risk of explosion by shock, friction, fire or other sources of ignition	Class 1: Explosives		SABS 0265 - Not compliant
2. Division 1.1	Symbol - Exploding bomb Signal Word - Danger Hazard Statement - Explosive; mass explosion hazard			Division 1.1	Symbol – Exploding bomb Signal Word – No signal word Hazard Statement –No hazard statement	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
3. Division 1.2	Symbol - Exploding bomb Signal Word - Hazard Statement - Symbol - Signal Word - Danger Hazard Statement - Explosive; severe projection hazard			Division 1.2	Symbol – Exploding bomb Signal Word – No signal word Hazard Statement –No hazard statement	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
4. Division 1.3	Symbol - Exploding bomb Signal Word - Danger Hazard Statement - Explosive; fire, blast or projection hazard			Division 1.3	Symbol – Exploding bomb Signal Word – No signal word Hazard Statement –No hazard statement	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
5. Division 1.4	Symbol - 1.4 on orange background Signal Word - Warning Hazard Statement - Fire or projection hazard			Division 1.4	Symbol – Figure 1.4 Signal Word – No signal word Hazard Statement –No hazard statement	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
6. Division 1.5	Symbol - 1.5 on orange background Signal Word - Warning Hazard Statement -May explode			Division 1.5	Symbol – Figure 1.5 Signal Word – No signal word Hazard Statement –No hazard statement	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
7. Division 1.6	<p>Symbol - 1.6 on orange background</p> <p>Signal Word - No signal word</p> <p>Hazard Statement - No hazard statement</p>			Division 1.6	<p>Symbol – Figure 1.6</p> <p>Signal Word – No signal word</p> <p>Hazard Statement –No hazard statement</p>	<p>Complies with GHS for transport</p> <p>Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>
8. Flammable Gases				Class 2: Gases		
9. Category 1	<p>Symbol - Flame</p> <p>Signal Word - Danger</p> <p>Hazard Statement - Extremely flammable gas</p>	Extremely flammable substances and preparations	<p>Symbol – Flame over circle</p> <p>Signal Word - Oxidising</p> <p>Risk Phrases –</p> <p>i) Extremely flammable</p> <p>ii) Extremely flammable liquefied gas</p>	Division 2.1: Flammable gases	<p>Symbol - Flame</p> <p>Signal Word – No signal word</p> <p>Hazard Statement – Flammable gas</p>	<p>Complies with GHS for transport</p> <p>Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						SABS 0265 - Not compliant with respect to symbol, signal words and hazard statement
10. Category 2	Symbol - No symbol used Signal Word - Warning Hazard Statement - Flammable gas					Category not currently used
11. Flammable Aerosols				Class 2: Gases, Division 2.1: Flammable gases	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable gas	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
12. Category 1	Symbol - Flame Signal Word - Danger Hazard Statement - Extremely flammable aerosol					
13. Category 2	Symbol - Flame Signal Word - Warning					

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	Hazard Statement - Flammable aerosol					
14. Oxidising Gases	Symbol - Flame over circle Signal Word - Danger Hazard Hazard Statement - May cause or intensify fire; oxidiser	Oxidising substances and preparations	Symbol – Flame over circle Signal Word – Oxidising Risk phrases- i) May cause fire ii) Contact with combustible material may cause fire iii) Explosive when mixed with combustible material	Class2: Gases Division 2.2: Non-flammable, non-toxic gases	Symbol – Gas cylinder Signal Word – No signal word Hazard Statement –Non-flammable; Non-toxic gas	SABS 0265 signal word and hazard statement are not compliant Symbol used in SABS 0232-1/2 and the IMDG Code does not comply with that specified by GHS
15. Gases Under Pressure				Class 2: Gases		
16. Compressed gas	Symbol - Gas cylinder Signal Word - Warning Hazard Statement - Contains gas under pressure; may explode if heated			Compressed gas	Symbol – Gas cylinder Signal Word – No signal word Hazard Statement –Non-flammable; Non-toxic gas	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
17. Liquefied gas	Symbol - Gas cylinder			Liquefied gas	Symbol – Gas cylinder	Complies with GHS for transport

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	Signal Word - Warning Hazard Statement - Contains gas under pressure; may explode if heated				Signal Word – No signal word Hazard Statement –Non-flammable; Non-toxic gas	Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
18. Refrigerated liquefied gas	Symbol - Gas cylinder Signal Word - Warning Hazard Statement - Contains refrigerated gas; may cause cryogenic burns or injury			Refrigerated liquefied gas	Symbol – Gas cylinder Signal Word – No signal word Hazard Statement –Non-flammable; Non-toxic gas	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
19. Dissolved gas	Symbol - Gas cylinder Signal Word - Warning Hazard Statement - Contains gas under pressure; may explode if heated			Dissolved gas	Symbol – Gas cylinder Signal Word – No signal word Hazard Statement –Non-flammable; Non-toxic gas	Complies with GHS for transport Signal words and hazard statements not prescribed for

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	explode if heated					transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
20. Flammable Liquids				Class 3: Flammable liquids		
21. Category 1	Symbol - Flame Signal Word - Danger Hazard Statement - Extremely flammable	Extremely flammable substances and preparations	Symbol – Flame over circle Signal Word - Oxidising Risk Phrases – i) Extremely flammable ii) Extremely flammable liquefied gas	Packing group 1	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable liquid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 - Not compliant with respect to symbol, signal words and hazard statement

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
22. Category 2	Symbol - Flame Signal Word - Danger Hazard Statement - Highly flammable liquid and vapour	Highly flammable substances and preparations	Symbol – Flame over circle Signal Word - Oxidising Risk Phrases – i) Highly flammable ii) Contact with water liberates highly flammable gases iii) Spontaneously flammable in air	Packing group 2	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable liquid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 - Not compliant with respect to symbol, signal words and hazard statement
23. Category 3	Symbol - Flame Signal Word - Warning Hazard Statement - Flammable liquid and vapour	Flammable substances and preparations	Symbol – Flame over circle Signal Word - Oxidising Risk Phrases –Flammable	Packing group 3	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable liquid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						where SABS 0232-1 is applied SABS 0265 not compliant
24. Category 4	Symbol - No symbol used Signal Word - Warning Hazard Statement - Combustible liquid					Category currently not used
25. Flammable Solids		Highly flammable substances and preparations	Symbol – Flame over circle Signal Word - Oxidising Risk Phrases – i) Highly flammable ii) Contact with water liberates highly flammable gases iii) Spontaneously flammable in air	Class 4: Flammable solids, substances liable to spontaneous combustion, substances that on contact with water emit flammable gases Division 4.1: Flammable solids, self reactive substances and solid desensitised explosives		SABS 0265 - Not compliant with respect to symbol, signal words and hazard statement
26. Category 1	Symbol - Flame Signal Word - Danger			Packing group 2:	Symbol - Flame Signal Word – No signal word	Complies with GHS for transport

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	Hazard Statement - Flammable solid				Hazard Statement – Flammable solid	Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
27. Category 2	Symbol - Flame Signal Word - Warning Hazard Statement - Flammable solid			Packing group 3	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable solid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
28. Self Reactive Substances				Class 4: Flammable solids, substances liable to spontaneous		

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
				<p>combustion, substances that on contact with water emit flammable gases</p> <p>Division 4.1: Flammable solids, self reactive substances and solid desensitised explosives</p>		
29. Category A	<p>Symbol - Exploding bomb</p> <p>Signal Word - Danger</p> <p>Hazard Statement - Heating may cause and explosion</p>			Type A	<p>Symbol - Flame</p> <p>Signal Word – No signal word</p> <p>Hazard Statement – Flammable solid</p>	Not compliant
30. Category B	<p>Symbol - Exploding bomb and flame</p> <p>Signal Word - Danger</p> <p>Hazard Statement - Heating may cause a fire or explosion</p>			Type B	<p>Symbol - Flame</p> <p>Signal Word – No signal word</p> <p>Hazard Statement – Flammable solid</p>	Not compliant
31. Category C	<p>Symbol - Flame</p> <p>Signal Word - Danger</p> <p>Hazard Statement - Heating may cause a fire</p>			Type C	<p>Symbol - Flame</p> <p>Signal Word – No signal word</p> <p>Hazard Statement – Flammable solid</p>	<p>Complies with GHS for transport</p> <p>Signal words and hazard statements not prescribed for transport. Decision still to be made on</p>

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
32. Category D	Symbol - Flame Signal Word - Danger Hazard Statement - Heating may cause a fire			Type D	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable solid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
33. Category E	Symbol - Flame Signal Word - Warning Hazard Statement - Heating may cause a fire			Type E	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable solid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						on approach to storage facilities where SABS 0232-1 is applied
34. Category F	Symbol - Flame Signal Word - Warning Hazard Statement - Heating may cause a fire			Type F	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable solid	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
35. Category G	There are no label elements allocated to this hazard category			Type G	Symbol - Flame Signal Word – No signal word Hazard Statement – Flammable solid	Not compliant
36. Pyrophoric Liquids	Symbol - Flame Signal Word - Danger Hazard Statement - Catches fire spontaneously if exposed to air			Class 4: Flammable solids, substances liable to spontaneous combustion, substances that on contact with	Symbol - Flame Signal Word – No signal word Hazard Statement - Spontaneously	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
				<p>contact with water emit flammable gases Division 4.2: Substances liable to spontaneous combustion</p>		<p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>
<p>37. Pyrophoric Solids</p>	<p>Symbol - Flame Signal Word - Danger Hazard Statement - Catches fire is exposed to air</p>			<p>Class 4: Flammable solids, substances liable to spontaneous combustion, substances that on contact with water emit flammable gases Division 4.2: Substances liable to spontaneous combustion</p>	<p>Symbol - Flame Signal Word – No signal word Hazard Statement - Spontaneously</p>	<p>Complies with GHS for transport</p> <p>Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>
<p>38. Self Heating Substances</p>				<p>Class 4: Flammable solids, substances liable to spontaneous combustion, substances that on</p>		

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
				contact with water emit flammable gases Division 4.2: Substances liable to spontaneous combustion		
39. Category 1	Symbol - Flame Signal Word - Danger Hazard Statement - Self heating; may catch fire			Packing group 2	Symbol - Flame Signal Word – No signal word Hazard Statement - Spontaneously	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
40. Category 2	Symbol - Flame Signal Word - Warning Hazard Statement - Self heating in large quantities; may catch fire			Packing group 3	Symbol - Flame Signal Word – No signal word Hazard Statement - Spontaneously	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						authorities to decide on approach to storage facilities where SABS 0232-1 is applied
41. Substances which in contact with water emit flammable gases				Division 4.3: Substances that on contact with water, emit flammable gases		
42. Category 1	Symbol - Flame Signal Word - Danger Hazard Statement - In contact with water, releases flammable gases which may ignite spontaneously	Extremely flammable substances and preparations	Symbol – Flame over circle Signal Word - Oxidising Risk Phrases – i) Extremely flammable ii) Extremely flammable liquefied gas	Packing group 1	Symbol - Flame Signal Word – No signal word Hazard Statement - Dangerous	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 - Not compliant with respect to symbol, signal words and hazard statement
43. Category 2	Symbol - Flame			Packing group 2	Symbol - Flame	Complies with GHS

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	Signal Word - Danger Hazard Statement - In contact with water releases flammable gases			2	Signal Word – No signal word Hazard Statement - Dangerous	for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 not compliant
44. Category 3	Symbol - Flame Signal Word - Warning Hazard Statement - In contact with water releases flammable gases	Highly flammable substances and preparations	Symbol – Flame over circle Signal Word - Oxidising Risk Phrases – i) Highly flammable ii) Contact with water liberates highly flammable gases iii) Spontaneously flammable in air	Packing group 3	Symbol - Flame Signal Word – No signal word Hazard Statement - Dangerous	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 not

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						compliant
45. Oxidising Liquids		Oxidising substances and preparations	Symbol – Flame over circle Signal Word – Oxidising Risk phrases- i) May cause fire ii) Contact with combustible material may cause fire iii) Explosive when mixed with combustible material	Class 5: Oxidising substances and organic peroxides Division 5.1: Oxidising substances		SABS 0265 - Not compliant with respect to signal words and hazard statement
46. Category 1	Symbol - Flame over circle Signal Word - Danger Hazard Statement - May cause fire or explosion; strong oxidiser			Packing group 1	Symbol – Flame over circle Signal Word – No signal word Hazard Statement -Oxidiser	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
47. Category 2	Symbol - Flame over circle Signal Word - Danger Hazard Statement - May intensify fire; oxidiser			Packing group 2	Symbol – Flame over circle Signal Word – No signal word Hazard Statement -Oxidiser	Complies with GHS for transport Signal words and hazard statements not prescribed for

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						<p>transport. Decision still to be made on their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>
48. Category 3	<p>Symbol - Flame over circle</p> <p>Signal Word - Warning</p> <p>Hazard Statement - May intensify fire; oxidiser</p>			Packing group 3	<p>Symbol – Flame over circle</p> <p>Signal Word – No signal word</p> <p>Hazard Statement -Oxidiser</p>	<p>Complies with GHS for transport</p> <p>Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
49. Oxidising Solids		Oxidising substances and preparations	Symbol – Flame over circle Signal Word – Oxidising Risk phrases- i) May cause fire ii) Contact with combustible material may cause fire iii) Explosive when mixed with combustible material	Class 5: Oxidising substances and organic peroxides Division 5.1: Oxidising substances		SABS 0265 Not compliant
50. Category 1	Symbol - Flame over circle Signal Word - Danger Hazard Statement - May cause fire or explosion; strong oxidiser			Packing group 1	Symbol – Flame over circle Signal Word – No signal word Hazard Statement -Oxidiser	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
51. Category 2	Symbol - Flame over circle Signal Word - Danger Hazard Statement - May intensify fire; oxidiser			Packing group 2	Symbol – Flame over circle Signal Word – No signal word Hazard Statement -Oxidiser	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						<p>their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>
52. Category 3	<p>Symbol - Flame over circle</p> <p>Signal Word - Warning</p> <p>Hazard Statement - May intensify fire; oxidiser</p>			Packing group 3	<p>Symbol – Flame over circle</p> <p>Signal Word – No signal word</p> <p>Hazard Statement -Oxidiser</p>	<p>Complies with GHS for transport</p> <p>Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion</p> <p>Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied</p>
53. Organic Peroxides		Oxidising substance and preparation	<p>Symbol – Flame over circle</p> <p>Signal Word – Oxidising</p> <p>Risk phrases-</p> <p>i) May cause fire</p> <p>ii) Contact with combustible material may cause fire</p> <p>iii) Explosive when mixed with combustible material</p>	Division 5.2: Organic peroxides		SABS 0265 Not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
54. Type A	Symbol - Exploding bomb Signal Word - Danger Hazard Statement - Heating may cause an explosion			Type A	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Not compliant
55. Type B	Symbol - Exploding bomb Signal Word - Danger Hazard Statement - Heating may cause a fire or explosion			Type B	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Not compliant
56. Type C	Symbol - Flame over circle Signal Word - Danger Hazard Statement - Heating may cause a fire			Type C	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
57. Type D	Symbol - Flame over circle Signal Word - Danger Hazard Statement - Heating may cause a fire			Type D	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
58. Type E	Symbol - Flame over circle Signal Word - Warning Hazard Statement - Heating may cause a fire			Type E	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
59. Type F	Symbol - Flame over circle Signal Word - Warning Hazard Statement - Heating may cause a fire			Type F	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide

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Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						on approach to storage facilities where SABS 0232-1 is applied
60. Type G	There are no label elements allocated to this hazard category			Type G	Symbol – Flame over circle Signal Word – No signal word Hazard Statement –Organic peroxide	Not compliant
61. Corrosive to Metals	Symbol – Corrosive symbol Signal Word - Warning Hazard Statement - May be corrosive to metals			Class 8: Corrosives Packing group 3	Symbol – Corrosive symbol Signal Word – No signal word Hazard Statement -Corrosive	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
HEALTH AND ENVIRONMENTAL HAZARD CRITERIA						
62. Acute Toxicity		Acute toxicity		Class 6: Toxic and infectious substances Division 6.1: Toxic substances,		

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
				(including pesticides)		
63. Category 1 (Cut-off values currently used primarily by the transport sector for classification for packing groups)	Symbol - Skull and crossbones Signal Word - Danger Hazard Statement – Oral – Fatal if swallowed Dermal – Fatal in contact with skin Inhalation – Fatal if inhaled	Very Toxic	Symbol – Skull and crossbones Signal Word – Very toxic Risk phrases – i) Very toxic by inhalation ii) Very toxic if in contact with skin iii) Very toxic if swallowed	Packing group 1	Symbol – Skull and crossbones Signal Word – No signal word Hazard Statement - Toxic	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 not compliant
64.		Non-lethal irreversible effects after a single exposure for preparations	Symbol – Skull and crossbones Signal Word – Very toxic Risk phrases – i) Danger of very serious irreversible effects ii) Very toxic by inhalation ii) Very toxic if in contact with skin iii) Very toxic if swallowed			SABS 0265 not compliant with GHS Category not used in GHS

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
65. Category 2	Symbol - Skull and crossbones Signal Word – Danger Hazard Statement – Oral – Fatal if swallowed Dermal – Fatal in contact with skin Inhalation – Fatal if inhaled	Toxic	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – i) Toxic by inhalation ii) Toxic in contact with skin iii) Toxic if swallowed	Packing group 2	Symbol – Skull and crossbones Signal Word – No signal word Hazard Statement - Toxic	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 - Not compliant with respect to signal words and hazard statement
66.		Non-lethal irreversible effects after a single exposure for preparations	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – i) Danger of very serious irreversible effects ii) Toxic by inhalation iii) Toxic in contact with skin iv) Toxic if swallowed			SABS 0265 not compliant Category not used in GHS

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
67.		Severe effects after repeated or prolonged exposure	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases –Danger of serious damage to health by prolonged exposure	Class 2: Gases Division 2.3: Toxic gases		SABS 0265 not compliant
68. Category 3	Symbol - Skull and crossbones Signal Word - Danger Hazard Statement – Oral – Toxic if swallowed Dermal – Toxic in contact with skin Inhalation – Toxic if inhaled			Packing group 3 solids Packing group 3 liquids	Symbol – Skull and crossbones Signal Word – No signal word Hazard Statement - Toxic	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied
69. Category 4	Symbol - Exclamation mark Signal Word - Warning Hazard Statement – Oral – Harmful if swallowed Dermal – Harmful in contact with skin Inhalation – Harmful if inhaled	Harmful	Symbol – St. Andrews Cross Signal Word – Harmful Risk phrases – i) Harmful by inhalation ii) Harmful in contact with skin iii) Harmful if swallowed			SABS 0265 not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
70. Category 5	Symbol - No symbol used Signal Word - Warning Hazard Statement – Oral – May be harmful if swallowed Dermal – May be harmful in contact with skin Inhalation – May be harmful if inhaled					Category currently not used
71. Skin Corrosion		Corrosive		Class 8: Corrosives		
72. Category 1: Corrosive (applies to all authorities)	Symbol - Corrosion Signal Word - Danger Hazard Statement - Causes severe skin burns and eye damage			Packing group 3	Symbol – Corrosive symbol Signal Word – No signal word Hazard Statement - Corrosive	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion
73. Sub-category 1A	Symbol - Corrosion Signal Word - Danger Hazard Statement - Causes severe skin burns and eye damage	Very corrosive	Symbol – Corrosive symbol Signal Word - Corrosive Risk phrase – Causes severe burns	Packing group 1	Symbol – Corrosive symbol Signal Word – No signal word Hazard Statement - Corrosive	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
						to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 not compliant. SABS 0265 - Not compliant with respect to signal words and hazard statement
74. Sub-category 1B	Symbol - Corrosion Signal Word - Danger Hazard Statement - Causes severe skin burns and eye damage			Packing group 2	Symbol – Corrosive symbol Signal Word – No signal word Hazard Statement - Corrosive	Complies with GHS for transport Signal words and hazard statements not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 not compliant
75. Sub-category 1C	Symbol - Corrosion Signal Word - Danger Hazard Statement - Causes severe skin burns and eye damage	Corrosive	Symbol – Corrosive symbol Signal Word – Corrosive Risk phrases – Causes	Packing group 3	Symbol – Corrosive symbol Signal Word – No signal word Hazard Statement - Corrosive	Complies with GHS for transport Signal words and hazard statements

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	severe skin burns and eye damage		burns			not prescribed for transport. Decision still to be made on their inclusion Competent authorities to decide on approach to storage facilities where SABS 0232-1 is applied SABS 0265 not compliant
76. Skin Irritation						
77. Category 2: Irritant (applies to all authorities)	Symbol - Exclamation mark Signal Word - Warning Hazard Statement - Causes skin irritation	Irritants	Symbol – St. Andrews Cross Signal Word - Irritant Risk phrases –Irritating to the skin			SABS 0265 not compliant
78. Category 3: Mild irritant (applies to only some authorities)	Symbol – No symbols used Signal Word - Warning Hazard Statement - Causes mild skin irritation					Category currently not used
79. Serious Eye Damage/ Eye Irritation		Irritants				
80. Category 1: Irreversible eye effects	Symbol - Corrosive symbol	Severe eye irritant	Symbol – St. Andrews Cross			Not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
effects	Signal Word - Danger Hazard Statement - Causes severe eye damage		Signal Word - Irritant Risk phrases –Risk of serious damage to eyes			
81. Category 2 and 2A: Irritating to the eye; reversible effects	Symbol - Exclamation mark Signal Word - Warning Hazard Statement - Causes severe eye irritation	Eye irritant	Symbol – St. Andrews Cross Signal Word - Irritant Risk phrases –Irritating to eyes			Not compliant
82. Category 2B: Mildly irritating to the eye; reversible effects	Symbol - No symbol is used Signal Word - Warning Hazard Statement - Cause irritation					Category currently not used
83.		Respiratory irritant	Symbol – St. Andrew's Cross Signal Word - Irritant Risk phrases –Irritating to respiratory system			
84. Respiratory or Skin Sensitisation		Sensitisers				
85. Category 1: Respiratory Sensitisers	Symbol - Health hazard Signal Word - Danger Hazard Statement - May cause allergy or asthma symptoms or breathing difficulties if inhaled	Respiratory system sensitisers	Symbol – St. Andrew's Cross Signal Word - Irritant Risk phrases –May cause sensitisation by inhalation			Not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
86. Category 2: Skin Sensitisers	Symbol - Exclamation mark Signal Word - Warning Hazard Statement - May cause an allergic skin reaction	Skin sensitisers	Symbol – St. Andrew's Cross Signal Word - Irritant Risk phrases –May cause sensitisation by skin contact			Not compliant
87. Germ Cell Mutagenicity		Mutagenic				
88. Category 1	Symbol - Health hazard Signal Word - Danger Hazard Statement - May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	Category 1	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – May cause heritable genetic damage			Not compliant
89. Category 1A	Symbol - Health hazard Signal Word - Danger Hazard Statement - May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					Category currently not used
90. Category 1B	Symbol - Health hazard Signal Word - Danger Hazard Statement - May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of					Category currently not used

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	exposure cause the hazard)					
91. Category 2	Symbol - Health hazard Signal Word - Warning Hazard Statement - Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	Category 2	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – May cause heritable genetic damage			Not compliant
92.		Category 3	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – Possible risk of irreversible effects			Not compliant
93. Carcinogenicity		Carcinogenic				
94. Category 1		Category 1	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – i) May cause cancer ii) May cause cancer by inhalation			Not compliant
95. Category 1A	Symbol - Health hazard Signal Word - Danger Hazard Statement - May cause					Category currently not used

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					
96. Category 1B	Symbol - Health hazard Signal Word - Danger Hazard Statement - May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					Category currently not used
97. Category 2	Symbol - Health hazard Signal Word - Warning Hazard Statement - Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	Category 2	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – i) May cause cancer ii) May cause cancer by inhalation			Not compliant
98.		Category 3	Symbol – Skull and crossbones Signal Word - Toxic Risk phrases – Possible risk of irreversible effects			Not compliant
99. Reproductive Toxicity		Toxic for reproduction				
100. Category 1		Category 1	Symbol – Skull and crossbones			Not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
			Signal Word – Toxic for reproduction Risk phrases – i) May impair fertility ii) May cause harm to the unborn child			
101. Category 1A	Symbol - Health hazard Signal Word - Danger Hazard Statement - May damage fertility or the unborn child (state specific effect of known or state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					Category currently not used
102. Category 1B	Symbol - Health hazard Signal Word - Danger Hazard Statement - damage fertility or the unborn child (state specific effect of known or state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					Category currently not used
103. Category 2	Symbol - Health hazard Signal Word - Warning Hazard Statement - Suspected of damaging fertility or the	Category 2	Symbol – Skull and crossbones Signal Word – Toxic for reproduction			Not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	unborn child (state specific effect of known or state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)		Risk phrases – i) May impair fertility ii) May cause harm to the unborn child			
104. Category 3		Category 3	Symbol – St Andrews Cross Signal Word - Harmful Risk phrases – i) Possible risk of impaired fertility ii) Possible risk of harm to the unborn child iii) May cause harm to breastfed babies			Not compliant
105. Effects on lactation	Symbol - No symbol Signal Word - No signal word Hazard Statement - May cause harm to breast fed children					Category currently not used
106. Specific Target Organ Systemic Toxicity – Single Exposure						
107. Category 1	Symbol - Health hazard Signal Word - Danger Hazard Statement - Causes					Category currently not used

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	damage to organs (or state all organs affected, if known) if (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					
108. Category 2	Symbol - Health hazard Signal Word - Warning Hazard Statement - May cause damage to organs (or state all organs affected, if known) if (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)					Category currently not used
109. Specific Target Organ Systemic Toxicity – Single Exposure						Category currently not used
110. Category 1	Symbol - Health hazard Signal Word - Danger Hazard Statement - Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure if it is conclusively proven that no other routes of exposure cause the hazard)					
111. Category 2	Symbol - Health hazard					Category currently not used

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	Signal Word - Warning Hazard Statement - May causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure if it is conclusively proven that no other routes of exposure cause the hazard)					
112. Hazardous to the Aquatic Environment		Dangerous to the aquatic environment				
113. Category : Acute 1	Symbol - Fish and tree Signal Word - Warning Hazard Statement - Very toxic to aquatic life	Very toxic	Symbol – Fish and tree Signal Word – Dangerous to the environment Risk phrases – i) Very toxic to aquatic organisms ii) May cause long-term adverse effects in the aquatic environment			Not compliant
114. Category : Acute 2	Symbol - No symbol is used Signal Word - No signal word is used Hazard Statement - Toxic to aquatic life	Toxic	Symbol – Fish and tree Signal Word – Dangerous to the environment Risk phrases – i) Toxic to aquatic organisms ii) May cause long-term			Not compliant

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
			adverse effects in the aquatic environment			
115. Category : Acute 3	Symbol - No symbol is used Signal Word - No signal word is used Hazard Statement - Harmful to aquatic life	Harmful	Symbol – Fish and tree Signal Word – Dangerous to the environment Risk phrases – i) Harmful to aquatic organisms ii) May cause long-term adverse effects in the aquatic environment			Not compliant
116. Category : Chronic 1	Symbol - Fish and tree Signal Word - Warning Hazard Statement - Very toxic to aquatic life with long lasting effects					Category currently not used
117. Category : Chronic 2	Symbol - Fish and tree Signal Word - No signal word is used Hazard Statement - Toxic to aquatic life with long lasting effects					Category currently not used
118. Category : Chronic 3	Symbol - No symbol is used Signal Word - No signal word is used Hazard Statement - Harmful to aquatic life with long lasting					Category currently not used

GHS Hazard Criteria		SABS 0265 Hazard Criteria		SABS 0232-1/SABS 0232-2/IMDG Code Hazard Criteria		GHS Compliance
Hazard	Criteria	Hazard	Criteria	Hazard	Criteria	
	effects					
119. Category 4	Symbol – No symbol is used Signal Word – No signal word is used Hazard Statement – May cause long lasting effects to aquatic life					Category currently not used