

Black Mountain Mining (Pty) Ltd

	Safety & Sustainable Development ENVIRONMENTAL	Doc #	BMM-HSE-ENV-FRM-0008
		Version #	3
		Revision Date:	2024/02/27
NEW CHEMICAL/REAGENT CLEARANCE			

Section	
Custodian	
Originator	
Date	
MSDS CAS	

Chemical/Reagent

Name	
Replacement for	
Area of use	

Scope of use

Chemical information

Phase	Solid	Liquid	Gas
pH	Basic	Neutral	Acidic
Toxicity	Non Toxic	Toxic	Highly Toxic
Chemical type	Organic		Inorganic

MSDS

Section of MSDS Present and Accepted		
Section 1: Chemical Product and Company Identification - Links the chemical name on the label to the MSDS. The MSDS also lists the name, address and the phone number of the company, manufacturer or distributor who provides the chemical.	Y	N
Section 2: Composition, Information or Ingredients - Identifies all the hazardous ingredients of the material. This section may also include OSHA Permissible Exposure Limits (PELs) and ACGIH(American Conference of Governmental Industrial Hygienists) Threshold Limit Values (TLVs).	Y	N
Section 3: Hazard Identification - Discusses the health effects one may encounter when exposed to the material. The section will describe the appearance of the material, the potential health effects and symptoms associated with exposure, routes of entry, target organs that could be affected.	Y	N

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Section 4: First Aid Measures - Describes possible first aid procedures for each route of entry. The procedures will be written so that untrained individuals can understand the information.	Y	N
Section 5: Fire-Fighting Measures - Describes information on the fire and explosive properties of the material, extinguishing items, and general fire-fighting instructions.	Y	N
Section 6: Accidental Release Measures – Provides information on how to respond when a material spills, leaks or is released into the air.	Y	N
Section 7: Handling and Storage -Discusses information on handling and storage of the material.	Y	N
Section 8: Exposure Controls and Personal Protection - Discusses engineering controls and PPE that would help reduce exposure to the material. The necessary personal protective equipment should be considered for eye/face protection, skin protection and respiratory protection.	Y	N
Section 9: Physical and Chemical Properties - Includes information about the physical and chemical properties of the material. The following characteristics should be detailed: appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, freezing/melting point, solubility in water and specific gravity or density. Indicate if these characteristics do not apply to your material.	Y	N
Section 10: Stability and Reactivity - Requires that potentially hazardous chemical reactions be identified. It addresses chemical stability, conditions to avoid, incompatibility with other materials, hazardous decomposition and hazardous polymerization	Y	N
Section 11: Toxicological Information - Discusses data used to determine the hazards that are given in Section 3, "Hazard Identification." The following information can be addressed: acute data, carcinogenicity, reproductive effects, target organ effects, etc.	Y	N
Section 12: Ecological Information – Assists in determining the environmental impact should the material ever be released into the environment.	Y	N
Section 13: Disposal Considerations - Provides important information that may be helpful in the proper disposal of the material. The information can cover disposal, recycling and reclamation.	Y	N
Section 14: Transport Information - Provides basic shipping information. The basic shipping information could include: the hazardous materials description, hazard class and the identification number (UN or NA numbers).	Y	N
Section 15: Regulatory Information - Discusses information on the regulations under which the material falls. Examples of a few regulatory agencies are: OSHA, TSCA (Toxic Substance Control Act), CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act), and SARA Title III (Superfund Amendments and Reauthorization Act).	Y	N

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Section 16: Other Information - Should include any other important information concerning the material. This information can include: hazard ratings, preparation and revisions of the MSDS, and label information.	Y	N
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Recommendation

Signatures

ENV Officer	
ENV Manager	
Occupational Health	
Safety Official	