

# Material Safety Data Sheet

## DRY ACID



### 1. Identification of the material and supplier

#### SECTION 1:

PRODUCT NAME	:	DRY ACID
INTENDED USE	:	pH ADJUSTER
PRODUCT TYPE	:	SODIUM BIRUFATE
	:	NaHSO
SYNONYMOUS	:	SODIUM ACID SULPHATE, NOTER CAKE, SODIUM HYDROGEN SULFATE, SODIUM PYSOSULFATE.
USER	:	MANUFACTURE FOR ADVID TREATMENT OF METALS, CARBONISATION OF WOODS, BLEACHING OF LEATHER, AND MAGNESIA CEMENT.
PROPERTIES	:	ANHYDROUS SALT AND ANHYDROUS MONOSALT. THE FORMER – WHITE, HYGROSCOPIC LUMPS, mp ABOUT 315oC, SP GR 2.74, EASILY SOLUABLE IN WATER, DISSOCLATES BY ALCHOHOL INTO FREE SULPHURIC ACID AND SODIUM SULFATE. THE LETTER – COLOURLESS AND ODOURLESS CRYSTALS, mp 58.5 oC, SP GR 2.10; EASILY SOL IN WATER.
SUPPLIER	:	BB CHEMICALS LTD
DATE OF ISSUE	:	1 <sup>st</sup> January 2021

#### SECTION 2: HAZARDOUS POTENTIALS

- A) FLAMABILITY : IT IS NOT FLAMABLE.  
B) TOXICITY : ITS AQUEOUS SOLUTION IS STONGLY ACIDIC AND ALSO IRRITATING.

#### SECTION 3: HANDLING AND LEAKAGES

- A) FOR SOLID:  
SWEEP INTO A BEAKER. DILUTE WITH SUFFICIENT WATER. ADD SODA ASH. MIX AND NEUTRALISE WITH 6M-HCl. DRAIN INTO SEWER WITH ABUNDANT WATER.
- B) FOR SOLUTION:  
COVER WITH SODA ASH. AFTER MIXING, TRANSFER INTO BEAKER CONTAINING WATER. NEUTRALISE WITH 5M-HCl. DRAIN INTO SEWER WITH ABUNDANT WATER.

#### **SECTION 4 : DISPOSAL AND WASTE TREATMENT**

REMOVE SLOWLY INTO A LARGE CONTAINER OF WATER. ADD SODA ASH SLIGHTLY STIRRING. AFTER 24 HOURS, DECANT OR SIPHON INTO ANOTHER CONTAINER. NEUTRALISE WITH 6M-HCl AND DRAIN INTO THE SEWER WITH ABUNDANT WATER.

SINCE WE CAN NOT ANTICIPATE OR CONTROL THE MANY CONDITIONS UNDER WHICH THIS INFORMATION AND OUR PRODUCTS MAY BE USED, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED APPLICATION AND CONFIRM WHETHER THEY ARE APPROPRIATE.

IF POISONING OCCURS, CONTACT A DOCTOR OR POISONS INFORMATION CENTRE.

BELLTEK CHMICALS LIMITED OFFICE: 3257855  
P.O. BOX 2358, BOROKO, N.C.D., PAPUA NEW GUINEA.