

## MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS <b>POTASSIUM BICARBONATE (POTASSIUM HYDROGEN CARBONATE)</b>		FLINN CATALOG NUMBER P0032, P0033	
FORMULA <p style="text-align: center;"><b>KHCO<sub>3</sub></b></p>	FORMULA OR ATOMIC WEIGHT <p style="text-align: center;">100.12</p>		CAS NUMBER 298-14-6
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 2.17 Melting Point: 100-120 C (decomposition). Soluble in water; insoluble in alcohol.			
APPEARANCE AND ODOR Colorless, odorless, transparent crystals or white powder; slightly alkaline, salty taste.			
COMPATIBLE CHEMICAL FAMILY  Inorganic #4  See Flinn Chemical Catalog/Reference Manual	DOT CLASS  <p style="text-align: center;"><b>Not Regulated</b></p>	REACTIVITY  <p style="text-align: center;"><b>Stable</b></p>	
CONDITIONS TO AVOID (IF ANY): Prudent laboratory practices should be observed. Avoid acids.			
HEALTH HAZARDS (IF ANY): Low toxicity.  Not all health aspects of this substance have been fully investigated.			THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED  <p style="text-align: center;"><b>None Established</b></p>
FIRE HAZARDS (IF ANY): Non flammable, non combustible			
SPILLS AND LEAKS: Gather up material in a pile (do not sweep). Place in a suitable container. Use the disposal method listed on the right.			DISPOSAL METHOD <p style="text-align: center;">26a</p> See Flinn Chemical Catalog Reference Manual
SPECIAL PRECAUTIONS (IF ANY): Wear chemical gloves and goggles.			
FIRST AID (IF SUBSTANCE DANGEROUS): External: Wash affected parts with copious quantities of water. Internal: Wash mouth; see a physician.                      Eyes: Wash continuously for 15 minutes. See a physician.			
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals			

**LIMIT OF LIABILITY — NO WARRANTY**

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This form adapted from USDL form LSD-005-4.

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Materials listed in this MSDS are classified in accordance with the definitions set forth in 29CFR parts 1915, 1916 and 1917.

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FLINN SCIENTIFIC, INC.  
P.O. Box 219  
Batavia, IL 60510 USA

Flinn Telephone Number: 312/879-6900

CHEMTREC Emergency Telephone Number: 800/424-9300