

TECHNICAL BULLETIN

KOLATE 6030 HANDLING AND STORAGE

GENERAL

Kolate 6030 is a solution of a partial aluminum complex soap in a low viscosity (2.37 cSt @ 40°C) petroleum base oil. The viscosity of Kolate 6030 is 1400 cSt max. Kolate 6030, because it has no available alcohol to be released, reacts slowly with moisture and is a much more stable product.

HANDLING

Kolate 6030 is packaged in 55 gal tight head steel drums. Normal precautions should be observed in moving full containers of liquid so that the containers will not be dented or punctured. In circumstances where this occurs, some users add additional oil to protect the remaining Kolate from moisture after first weighing the remainder and calculating the weight of active aluminum remaining in the drum. This amount is then noted on the drum so that the correct amount of aluminum can be added to the next batch.

Accidental spills should be contained as quickly as possible and the material shoveled into suitable containers with lids. Water is not recommended until all the excess is scraped up. Contact with water will form an insoluble soap which will be very slippery under foot. A suitable anti-skid compound should be available.

Contact with the skin cause slight transient irritation and it is best to wipe off as much as possible before using soap and water. Because the carrier oil does have a drying effect on the skin, use of a moisturizer hand cream has some benefit.

STORAGE

Inside dry storage areas are essential. Storage temperatures between -20°C and 50°C are satisfactory although lower temperatures can be tolerated without loss reactivity. Kolate 6030 will become gel-like and non-pourable when stored below 20°C. It is recommended that this product be warmed to 25-30°C for 24 hours before using to lessen the localized chilling with possible precipitation of the dissolved acids.

PLEASE REFER TO THE MSDS FOR ADDITIONAL INFORMATION

The facts and recommendations made herein are based on our research and the research of others, and while they are believed to be accurate, they are intended for use by skilled persons at their own risk. We assume no liability for the events resulting or damages incurred from the use of this information. Statements concerning the possible use of our products are not intended as a recommendation to use then in the infringement of ant patent.