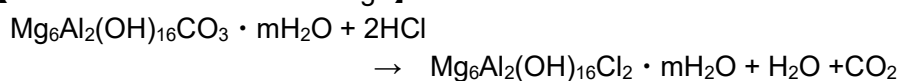


## KYOWAAD™ 500

“KYOWAAD™ 500” is the synthetic hydrotalcite. We first succeeded in the industrial synthesis of hydrotalcite in the world. At first, our synthetic hydrotalcite had gotten the attention of pharmaceutical industry as an antacid. Then it has been available for various industrial applications.

**【Chemical formula】**  $Mg_6Al_2(OH)_{16}CO_3 \cdot mH_2O$

**【Mechanism of anion-exchange】**



The carbonic ion of hydrotalcite is easily exchanged for the other anion. This reaction is quickly even in very low concentration. Therefore this product demonstrates superior performance of anion adsorbent.

**【Grade】**

KYOWAAD™ 500PL	:	Fine powder
KYOWAAD™ 500SH	:	Good flowability (Spherical particle)
KYOWAAD™ 500SN	:	Excellent flowability (Spherical particle)

**【Typical Data】**

		PL	SH	SN
MgO	(%)	38.5	37.8	37.9
Al <sub>2</sub> O <sub>3</sub>	(%)	16.5	15.8	16.0
Loss on Drying	(%)	2.7	3.2	3.4
Bulk Volume	(ml/g)	5.78	3.14	3.32
Screen Analysis	(%)			
Less than 45μm		97.8	38.2	0
45-75μm		2.0	35.0	2.2
75-106μm		0.2	21.0	2.2
106-500μm		0	5.8	95.6

Package	NET weight
Paper bag	20 kg

‘KYOWAAD’ is a registered trademark of SETOLAS Holdings, Inc. in many countries.