



Chlorsulfuron PRODUCT DATA SHEET

issue date 01/06/2020

Product Name:	Chlorsulfuron
Product Number:	C209
CAS Number:	64902-72-3
Molecular Formula:	$C_{12}H_{12}ClN_5O_4S$
Molecular Weight:	357.8
Description:	<p>Chlorsulfuron is a selective herbicide used on public and private land to control broad-leaf weeds and undesirable grasses. It can effect both perennial and annual unwanted plantlife.</p> <p>Chlorsulfuron is soluble in water.</p> <p>This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.</p>
Mechanism of Action:	Chlorsulfuron blocks the biosynthesis of the amino acids valine and isoleucine in plants, hindering cell division and growth.
References:	<p>Ray, T. B. (1982). The mode of action of chlorsulfuron: A new herbicide for cereals. <i>Pesticide Biochemistry and Physiology</i>, 17(1), 10-17. doi:10.1016/0048-3575(82)90120-1</p> <p>Mary J. Guttieri, Charlotte V. Eberlein, & Thill, D. (1995). Diverse Mutations in the Acetolactate Synthase Gene Confer Chlorsulfuron Resistance in Kochia (<i>Kochia scoparia</i>) Biotypes. <i>Weed Science</i>, 43(2), 175-178. Retrieved from http://www.jstor.org/stable/4045479</p>

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