

SUBSTANCE IDENTIFICATION PROFILE

Lead Registrant	Elkem AS	Availability LoA	July-August 2017
Substance name	barium	CAS nr	7440-39-3
Chemical formula	Ba	EC (EINECS or ELINCS) nr	231-149-1
Composition type	mono constituent	Molecular weight	137,326 g/mol
Melting point	727°C at 101,3 kPa	Boiling point	1897°C

REACH Registration tonnage	100-1000T
-----------------------------------	-----------

Physical form	Grey metal sticks / blocks / rods	Particle size information	rods: 10 to 450 mm length / 15-22mm diameter
Relative density	3,62 g/cm ³ at 20°C	Colour	metallic /silver grey

Purity	>= 97%		
Impurities	Ca	<= 0,25%	
Impurities	Sr	<= 1,6%	
Other impurities not relevant for C&L		<= 1.15 %	

Classification and labeling:	GHS02: flame	H228: Flammable solid.	
	EU- CLP	GHS07: exclamation mark	H261: In contact with water releases flammable gases.
	Signal word: danger	H301: Toxic if swallowed.	
ROSC contact:	karine@ROSCconsortium.eu www.ROSCconsortium.eu	H314: Causes severe skin burns and eye damage.	
		H318: Causes serious eye damage.	