



REACH Orphan Substances Consortium

ROSC

# SUBSTANCE IDENTIFICATION PROFILE

Lead Registrant	Elkem AS	Availability LoA	May-June 2017
Substance name	strontium	CAS nr	7440-24-6
Chemical formula	Sr	EC (EINECS or ELINCS) nr	231-133-4
Composition type	mono constituent	Molecular weight	87,62 g/mol
Melting point	757-777°C	Boiling point	1366-1382°C

REACH Registration tonnage	100-1000 T
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Physical form	Solid silvery-grey metal. Its crystal structure is face-centered cubic.	Particle size information	granules: 1-10 mm, massives: > 10 mm
Relative density	2,64 at 20°C	Colour	metallic /silver grey

Purity	>= 95%		
Impurities	Ca	<=2%	
Impurities	Ba	< =2%	
Impurities	Mg	< =1%	
Impurities	Fe	<= 0,5%	
Impurities	Si	<= 0,1%	
Impurities	Na	<= 0,15%	
Impurities	Al	<= 0,01%	
Other impurities not relevant for C&L		< 0,1 %	

Classification and labeling:  
EU- CLP

GHS02: flame  
GHS05: corrosion  
Signal word: Danger

H260: In contact with water releases flammable gases which may ignite spontaneously.  
H314: Causes severe skin burns and eye damage.

ROSC contact:

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