



IRRH SPECIALTY CHEMICALS CO., LTD.

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15 August 2010

## **CERTIFICATION**

We hereby confirm that ISC product, Zinc-stearate, Calcium-stearate, Magnesium-stearate and can be used food application

The substances listed in the REACH candidate list for substances of very high concern

(SVHC 15 substances defined by ECHA in Oct. 2008, 15 substances in Dec. 2009, & 8 substances in Jun. 2010, see below) are neither used as raw materials in the production process nor expected to be generated during the manufacturing process and therefore not expected to be contained in relevant quantities (0.1%)

This information relates specifically to the referenced product. We believe this information to be accurate and reliable as of this date. We recommend you make your own determination on the suitability of the referenced product for your particular application.

Yours sincerely

Young hee. Lee

President

IRRH SPECIALTY CHEMICALS CO.,LTD

Young-Hee Lee / President



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1. Product Name: Zinc-Stearate , Calcium-stearate and Magnesium-stearate

Does not contain the following items

NO	SUBSTANCE NAME	EC NUMBER	CAS NUMBER
1	Anthracene	204-371-1	120-12-7
2	4,4'-Diaminodiphenylmethane	202-974-4	101-77-9
3	Dibutyl phthalate	201-557-4	84-74-2
4	Cobalt dichloride	231-589-4	7646-79-9
5	Diarsenic pentaoxide	215-116-9	1303-28-2
6	Diarsenic trioxide	215-481-4	1327-53-3
7	Sodium dichromate	234-190-3	7789-12-0,10588-01-9
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	204-211-0	117-81-7
10	Hexabromocyclododecane (HBCDD) and all major	247-148-4 and	134237-50-6,134237-51-7,

	diastereoisomers identified (a-HBCDD, B-HBCDD, Y-HBCDD)	221-695-9	134237-52-8
11	Alkanes, C10-13 chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
12	Bis(tributyltin)oxide	200-268-0	56-35-9
13	Lead hydrogen arsenate	232-064-2	7784-40-9
14	Benzyl butyl phthalate	201-622-7	85-68-7
15	Triethyl arsenate	427-700-2	15606-95-8
16	Anthracene oil	292-602-7	90640-80-5
17	Anthracene oil, anthracene paste, distn, lights	295-278-5	91995-17-4
18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
19	Anthracene oil, anthracene-low	292-604-8	90640-82-7
20	Anthracene oil, anthracene paste	292-603-2	90640-81-6
21	Pich, coal tar, high temp	266-028-2	65996-93-2
22	Acrylamide	201-173-7	76-06-1
23	Aluminosilicate Refractory Ceramic Fibres  Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, 24part 3, table 3.2 of Regulation (EC) No 1272/2008, an24d fulfil the two following	650-017-00-8	

	<p>conditions:</p> <p>a) Al<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub> are present within the following concentration ranges :</p> <ul style="list-style-type: none"> <li>● Al<sub>2</sub>O<sub>3</sub> : 43.5-47 % w/w, and SiO<sub>2</sub>:49.5-53.5% w/w</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>● Al<sub>2</sub>O<sub>3</sub> : 45.5-50.5 % w/w, and SiO<sub>2</sub>:48.5-54% w/w</li> </ul> <p>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (um).</p>		
24	<p>Zirconia Aluminosilicate, Refractory Ceramic Fibres</p> <p>Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions:</p> <p>a) Al<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub> AND ZrO<sub>2</sub> are present within the following concentration ranges :</p>		

	<ul style="list-style-type: none"> <li>● Al<sub>2</sub>O<sub>3</sub> : 35 - 36 % w/w,</li> </ul> <p>And</p> <ul style="list-style-type: none"> <li>● SiO<sub>2</sub> : 47.5 - 50 % w/w,</li> </ul> <p>And</p> <ul style="list-style-type: none"> <li>● ZrO<sub>2</sub>: 15- 17 % w/w,</li> </ul> <p>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers(um)</p>		
25	2,4-Dinitrotoluene	204-450-0	121-14-2
26	Diisobutyl phthalate	201-553-2	84-69-5
27	Lead chromate	231-846-0	7758-97-6
28	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
29	Lead sulfochromate yellow (C.I. Pigment Yellow34)	215-693-7	1344-37-2

30	tris(2-chloroethyl) phosphate	204-118-5	115-96-8
31	Trichloroethylene	201-167-4	79-01-6
32	Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1
33	Disodium tetraborate, anhydrous	215-540-4	1303-96-4 1330-43-4 12179-04-3
34	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
35	Sodium chromate	231-899-5	7775-11-3
36	Potassium chromate	232-140-5	7789-00-6
37	Ammonium dichromate	232-143-1	7789-09-5
38	Potassium dichromate	231-906-6	7778-50-9