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## Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

**Productname :** SERVISOL HEAT SINK COMPOUND  
**Ref.Nr.:** UK20065-3-120109  
**Creationdate :** 12.01.09  
**Replaces:** 15.02.08

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** SERVISOL HEAT SINK COMPOUND  
 Bulk

**Application :** Conduction electric/thermal

**Company :** CRC Industries UK Ltd.  
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### 2. HAZARD IDENTIFICATION

**Environment :** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
zinc oxide	1314-13-2	215-222-5	60-100	N	50/53	B
<b>Explanation notes</b>						
B : substance with national established workplace exposure limit						

(\* Explanation risk-phrases : see chapter 16)

### 4. FIRST AID MEASURES

**General Advice :** In case of accident or if you feel unwell, seek medical advice (show the label where possible)

**Contact with eyes :** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

<b>Contact with skin :</b>	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical attention if irritation persists
<b>Ingestion :</b>	Do not induce vomiting Seek immediate medical attention

## 5. FIRE-FIGHTING MEASURES

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<b>Flash point (without propellant):</b>	> 150 °C (Closed Cup)
<b>Explosion limits : upper limit :</b>	not available
<b>lower limit :</b>	not available
<b>Extinguishing media :</b>	foam, carbon dioxide or dry agent
<b>Fire-fighting procedures :</b>	In case of fire, do not breathe fumes

## 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions :</b>	Wear suitable gloves and eye/face protection.
<b>Environmental precautions :</b>	Do not allow to enter public sewers and watercourses If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
<b>Cleaning methods :</b>	Absorb spillage in suitable inert material

## 7. HANDLING AND STORAGE

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<b>Storage procedures :</b>	Keep only in the original container. Keep in a cool, dry place
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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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<b>Personal protection :</b>	Wear suitable gloves and eye/face protection. Ensure adequate ventilation
<b>hands and skin :</b>	Wear suitable protective gloves (nitrile)

## 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

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<b>Apperance : physical state :</b>	grease
<b>colour :</b>	white
<b>odour :</b>	Odourless
<b>Boiling point/range :</b>	not available
<b>Relative density :</b>	2.30 g/cm <sup>3</sup>
<b>pH :</b>	not available
<b>Vapour pressure :</b>	not available
<b>Relative vapour density :</b>	not available
<b>Solubility in water :</b>	Insoluble in water
<b>Flash point :</b>	> 150 °C (Closed Cup)
<b>Auto-ignition :</b>	> 400 °C
<b>Viscosity :</b>	not available
<b>Evaporation rate :</b>	not available

## 10. STABILITY AND REACTIVITY

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<b>Conditions to be avoided :</b>	No hazardous reactions known if used for its intended purpose
<b>Materials to be avoided :</b>	Strong oxidising agent
<b>Hazardous decomposition compounds :</b>	carbon oxides

## 11. TOXICOLOGICAL INFORMATION

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<b>Inhalation :</b>	Low hazard expected under normal conditions of use
<b>Ingestion :</b>	Low hazard expected under normal conditions of use
<b>Skin contact :</b>	Low hazard expected under normal conditions of use
<b>Eye contact :</b>	Mildly irritating to eyes

## 12. ECOLOGICAL INFORMATION

<b>Other adverse effects :</b>	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities No experimental data available
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## 13. WASTE DISPOSAL

<b>National regulations :</b>	Disposal should be in accordance with local, state or national legislation
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## 14. TRANSPORT

<b>UN-number :</b>	3082
<b>Road/Rail - ADR/RID :</b>	UN3082 Environmentally hazardous substance, liquid, n.o.s., (Zinc oxide) Class : 9, PG : III, Class code : M6, Label : 9
<b>Sea - IMDG :</b>	UN3082 Environmentally hazardous substance, liquid, n.o.s., (Zinc oxide) Class : 9, PG : III
<b>EmS</b>	F-A,S-F
<b>Marine pollutant</b>	P
<b>Air - IATA/ICAO :</b>	UN3082 Environmentally hazardous substance, liquid, n.o.s., (Zinc oxide) Class : 9, PG : III, Label : RMD
<b>Packing instr. LQ</b>	Y914
<b>PAX</b>	914
<b>CAO</b>	914

## 15. REGULATORY INFORMATION

<b>Warning symbol(s) :</b>	N
<b>Risk-phrase(s) :</b>	R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Safety-phrase(s) :</b>	S57: Use appropriate container to avoid environmental contamination. S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

## 16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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**REVISIONS IN CHAPTRE :** 8

**\*Explanation risk-phrases:** R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : [www.crcind.com](http://www.crcind.com). We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.