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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : SERVISOL SUPER 40 **Creationdate :** 15.02.08
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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : SERVISOL SUPER 40
 Aerosol

Application : Lubricants

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

Health and Safety : Extremely Flammable
 Repeated exposure may cause skin dryness or cracking.

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

Other hazards : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
Naphtha (petroleum), hydrodesulfurized heavy (benzene<0.1%)	64742-82-1	265-185-4	30-60	Xn,N	10-51/53-65-66	B,P
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	10-30	F+	12	K
Sodium long chain alkaryl sulphonate	-	-	0-1	Xi,N	36/38-51/53	
Explanation notes						
B : substance with national established workplace exposure limit						
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						
P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)						

(* Explanation risk-phrases : see chapter 16)

Risk phrases in this section apply only to individual constituents and not to the finished preparation.

4. FIRST AID MEASURES

General Advice :	The usual precautions for handling chemicals should be observed If any symptoms should occur, seek medical advice.
Contact with eyes :	If substance has got into eyes, immediately wash out with plenty of water
Contact with skin :	Wash with water and soap. Seek medical attention if irritation persists
Inhalation :	Fresh air, keep warm and at rest.
Ingestion :	Ingestion is unlikely to occur If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant):	not applicable
Explosion limits : upper limit :	not available
lower limit :	not available
Extinguishing media :	foam, carbon dioxide or dry agent
Fire-fighting procedures :	Keep container(s) exposed to fire cool, by spraying with water
Unusual exposure hazard :	Aerosols may explode if heated above 50°C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :	Shut off all ignition sources Ensure adequate ventilation
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Environmental precautions :	Do not allow to enter public sewers and watercourses If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
Cleaning methods :	Accidental spillage is unlikely since product is a hermetically sealed pressurised container. Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures :	Use only in well ventilated areas Do not pierce or burn aerosols, even after use. Do not spray on a naked flame or incandescent material. Do not breathe aerosols or vapours. Avoid contact with skin and eyes.
Storage procedures :	Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Keep in a cool, dry, well ventilated place Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures :	Ensure adequate ventilation Keep away from heat and sources of ignition
Personal protection :	It is advisable to take precautions to avoid contact with skin and eyes when handling the product. Use only in well ventilated areas
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
hands and skin :	Wear suitable protective gloves
eyes :	Wear safety goggles.

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

Apperance : physical state :	propane/butane propelled liquid
colour :	amber
odour :	Characteristic odour
Boiling point/range :	not available
Relative density :	0.805 g/cm ³ (@ 20°C)
pH :	not applicable
Vapour pressure :	not available
Relative vapour density :	not available
Solubility in water :	not available
Flash point :	not applicable
Auto-ignition :	not available
Viscosity :	not available
Evaporation rate :	not available

10. STABILITY AND REACTIVITY

Conditions to be avoided :	Pressurized container : protect from sunlight and
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do not expose to temperatures exceeding 50°C.
 Keep away from heat and sources of ignition
 No hazardous reactions known if used for its
 intended purpose

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : carbon oxides

11. TOXICOLOGICAL INFORMATION

Inhalation : Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Ingestion : Ingestion is unlikely to occur
 After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

Skin contact : Prolonged skin contact will result in defatting of the skin

Eye contact : Irritating to eyes

Other information: No experimental data available

12. ECOLOGICAL INFORMATION

Other adverse effects : 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

13. WASTE DISPOSAL

National regulations : Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number : 1950

Road/Rail - ADR/RID : UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1

Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1

EmS F-D,S-U

Air - IATA/ICAO : UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG

Packing instr. LQ Y203

PAX 203

CAO 203

15. REGULATORY INFORMATION

Warning symbol(s) : F+,N

Risk-phrase(s) : R12: Extremely flammable.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

Safety-phrase(s) :

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe spray.

S37: Wear suitable gloves.

S51: Use only in well-ventilated areas.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

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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***Explanation risk-phrases:**

R10: Flammable.

R12: Extremely flammable.

R36/38: Irritating to eyes and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

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. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.