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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : SERVISOL REFURB 140 **Creationdate :** 23.11.10
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IDENTIFICATION OF PRODUCT AND COMPANY

Productname : SERVISOL REFURB 140
 Aerosol

Application : Speciality

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HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
 Irritating to skin.
 Vapours may cause drowsiness and dizziness.

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.

COMPOSITION AND INFORMATION ON COMPONENTS

hazardous ingredient	CAS-nbr.	EINECS	w/w %	symbol	R-phrases*	Notes
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hylbenzene	100-41-4	202-849-4	1-5	F,Xn	11-20	A
ylene	1330-20-7	215-535-7	5-10	Xn	10-20/21-38	A
ydrocarbons,C3-4-rich, petroleum stillate Petroleumgas (1,3-butadiene < 1%)	68512-91-4	270-990-9	30-60	F+	12	K
itan-1-ol; n-butanol	71-36-3	200-751-6	0-1	Xn	10-22-37/38-41-67	B
aphtha (petroleum), hydrodesulfurized ght (benzene<0.1%)	92045-53-9	295-434-2	30-60	F,Xn,N	11-38-51/53-65-67	B,P
Explanation notes						
: substance with Community workplace exposure limit						
: substance with national established workplace exposure limit						
: not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 03-450-8)						
: not classified as carcinogen, less than 1% w/w benzene (Einecs-nr. 200-753-)						

: Explanation risk-phrases : see chapter 16)

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 :	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
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.

FIRE-FIGHTING MEASURES

Flash point (without propellant):	- 4 °C
Explosion limits : upper limit :	9.4 %
Lower limit :	1 %
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

ACCIDENTAL RELEASE MEASURES

Personal precautions :	Shut off all ignition sources Ensure adequate ventilation
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 :

Absorb spillage in suitable inert material

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.

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 (nitrile)

eyes :

Wear safety goggles.

exposure limits :

hazardous ingredient	CAS-nbr.	method	
Established exposure limits:			
ethylbenzene	100-41-4	TWA	100 ppm
		STEL	200 ppm
toluene	1330-20-7	TWA	50 ppm
		STEL	100 ppm

PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)**appearance : physical state :**

Propane/butane propelled liquid.

colour :

Colorless.

odour :

Solvent.

boiling point/range :

94 °C

relative density :

0.777 g/cm³ (@ 20°C).

flash :

Not available.

vapour pressure :

Not available.

relative vapour density :

Not available.

solubility in water :

Insoluble in water

flash point :

- 4 °C

auto-ignition :

> 200 °C

viscosity :

Not available.

vaporation rate : Not available.

0. STABILITY AND REACTIVITY

Conditions to be avoided : Pressurized container : protect from sunlight and 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

1. 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 : Irritating to skin

Eye contact : Irritating to eyes

Other information: No experimental data available

2. 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

3. WASTE DISPOSAL

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

4. TRANSPORT

UN-number : 1950

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

Environmentally hazardous YES

IMDG - IMDG : UN1950 Aerosols Class : 2, PG : NA, Label : 2.1

EmS F-D,S-U

Marine pollutant P

Air - IATA/ICAO : UN1950 Aerosols, flammable Class : 2, PG : NA, Label : 2.1

Environmentally hazardous YES

5. REGULATORY INFORMATION

Warning symbol(s) :	F+ : EXTREMELY FLAMMABLE Xi : IRRITANT N : DANGEROUS FOR THE ENVIRONMENT
Risk-phrase(s) :	R12: Extremely flammable. R38: Irritating to skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67: Vapours may cause drowsiness and dizziness.
Safety-phrase(s) :	S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S23: Do not breathe vapours/spray. S24: Avoid contact with skin. S51: Use only in well-ventilated areas.
may produce an allergic reaction.	
re-used container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not	
erceive or burn, even after use. Do not spray on a naked flame or any incandescent material.	
Regulation (EC) No 648/2004 on detergents:	aliphatic hydrocarbons > 30 % aromatic hydrocarbons 5 - 15 % perfumes. benzyl salicylate

5. 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 : 8,9

Explanation risk-phrases:
R10: Flammable.
R11: Highly flammable.
R12: Extremely flammable.
R20: Harmful by inhalation.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to 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.
R67: Vapours may cause drowsiness and dizziness.

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.