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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : SCREEN 99 **Creationdate :** 31.10.07
Ref.Nr.: AB28050-3-311007 **Replaces:** 25.10.07

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : SCREEN 99
Aerosol

Application : Cleaners - Precision

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2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
(propane/butane propellant)

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

Other hazards : 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.

Without adequate ventilation formation of explosive mixtures may be possible.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	1-5		10	A
pentane	109-66-0	203-692-4	1-5	F+,Xn,N	12-51/53-65-66-67	A
2-aminoethanol ethanolamine	141-43-5	205-483-3	0-1	C	20/21/22-34	A
Naphtha (petroleum), hydrotreated light (benzene<0.1%)	64742-49-0	265-151-9	1-5	F,Xn,N	11-38-51/53-65-67	B,P
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	5-10	F,Xi	11-36-67	
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3- butadiene < 0.1%)	68512-91-4	270-990-9	5-10	F+	12	K
Explanation notes						
A : substance with Community workplace exposure limit						
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)						

Note H and P of Annex I (67/548/EEC) apply for the naphtha's in this product.

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice :

If symptoms persist always call a doctor

Contact with eyes :

If substance has got into eyes, immediately wash out with water for at least 15 minutes
Seek medical advice

Contact with skin :

Wash with water and soap.
Seek medical attention if irritation persists

Inhalation :

Remove patient to fresh air

Ingestion :

Do not induce vomiting
Seek medical advice

5. FIRE-FIGHTING MEASURES

Flash point (without propellant):	< 0 °C
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
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 :	Flush spill area with copious amounts of water

7. HANDLING AND STORAGE

Handling procedures :	The usual precautions for handling chemicals should be observed Keep away from heat and sources of ignition Do not spray on a naked flame or incandescent material. Do not pierce or burn aerosols, even after use. Avoid contact with skin and eyes.
Storage procedures :	Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Store frost free 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
hands and skin :	Wear suitable protective gloves
eyes :	Wear safety goggles.

Exposure limits :

Hazardous ingredient	CAS-nr	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
pentane	109-66-0	TWA	1000 ppm
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm

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

Apperance : physical state :	propane/butane propelled liquid
colour :	white
odour :	Characteristic odour
Boiling point/range :	not available
Relative density :	0.95 g/cm ³ (@ 20°C)
pH :	8.5
Vapour pressure :	< 5 kPa (@ 20°C)
Relative vapour density :	not available
Solubility in water :	Soluble in water
Flash point :	< 0 °C
Auto-ignition :	> 200 °C
Viscosity :	not applicable
Evaporation rate :	not applicable

10. 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
Materials to be avoided :	Strong oxidising agent
Hazardous decomposition compounds :	CO,CO ₂

11. TOXICOLOGICAL INFORMATION

Ingestion :	Foams may penetrate lungs.
Skin contact :	Prolonged skin contact will result in defatting of the skin
Eye contact :	Mildly irritating to eyes

12. ECOLOGICAL INFORMATION

Degradability :	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Other adverse effects :	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product :	Do not empty into drains. This material and its container must be disposed of in a safe way. Disposal should be in accordance with local, state
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or national legislation

14. TRANSPORT

UN-number :	1950
Road/Rail - ADR/RID :	UN1950 Aerosols Class : 2, PG : NA, Class code : 5A, Label : 2.2
Sea - IMDG :	UN1950 Aerosols Ltd Qty Class : 2.2, PG : NA
EmS	F-D,S-U
Air - IATA/ICAO :	UN1950 Aerosols, non-flammable Class : 2.2, PG : NA, Label : RNG
Packing instr. LQ	Y203
PAX	203
CAO	203

15. REGULATORY INFORMATION

Warning symbol(s) :	F+
Risk-phrase(s) :	R12: Extremely flammable. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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. S24/25: Avoid contact with skin and eyes. S35: This material and its container must be disposed of in a safe way. 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. Without adequate ventilation formation of explosive mixtures may be possible.

Regulation (EC) No 648/2004 on detergents: aliphatic hydrocarbons 5 - 15 %
benzothiazolinone,
benzoic acid

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.

R11: Highly flammable.
R12: Extremely flammable.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R34: Causes burns.
R36: Irritating to eyes.
R35: Causes severe burns.
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.
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.