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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : MULTISCHAUM 77
Ref.Nr.: AB26270-3-311007

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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : MULTISCHAUM 77
Aerosol

Cleaners - Precision

Application :

Company :

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2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable (R12)
(propane/butane propellant)

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
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	1-5		10	A
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
Naphtha (petroleum), hydrodesulfurized light (benzene<0.1%)	92045-53-9	295-434-2	<2.5	F,Xn,N	11-38-51/53-65-67	B,P
Explanation notes						
A : substance with Community workplace exposure limit						
B : substance with national						

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
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

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

propane/butane propelled liquid

Apperance : physical state :

colour : colourless

odour : citrus

Boiling point/range : not available

Relative density : 1.0 g/cm³ (@ 20°C)

pH : 9-10

Vapour pressure : not available

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 available

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,CO2

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

Hazardous ingredient	CAS-nr	method	
Amines, C12-18-alkyldimethyl, N-oxides	68955-55-5	LC50 fish	0-1 mg/l

No information available

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 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+
Risk-phrase(s) :	R12: Extremely flammable.
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. 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 %
perfumes. limonene
benzisothiazolinone,
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.
R36: Irritating to eyes.
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.