

CRC Industries UK Ltd.
 Castlefield Industrial Estate, Wylds Rd, Bridgwater,
 Somerset, UK, TA64DD
 Tel.: (+44)(0)1278 727200 Fax: (+44)(0)1278 425644



Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : PX24 **Creationdate :** 12.01.09
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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : PX24
 Aerosol

Application : Lubricants

Company : CRC Industries UK Ltd.
 Castlefield Industrial Estate, Wylds Rd, Bridgwater,
 Somerset,
 UK, TA64DD
 Tel.: (+44)(0)1278 727200
 Fax: (+44)(0)1278 425644
 E-mail : hse.uk@crcind.com

In case of emergency : (+44)(0)1278 727200

Subsidiaries		Tel	Fax
CRC Industries Europe	Touwslagerstraat 1 9240 Zele Belgium	(+32) (0) 52 / 45 60 11	(+32) (0) 52 / 45 00 34
CRC Industries Finland	Asemanrinne 13, 08500 Lohja AS	(+358)(0)19/32921	(+358)(0)19/383676
CRC Industries France	12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex	(+33)(0)1/34112000	(+33)(0)1/34110996
CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/3030	(+49)(0)7229/303266
CRC Industries Iberia	Gremio del cuero S/N, 40195 Segovia	(+34)921/427546	(+34)921/436270
CRC Industries Sweden	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

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

Environment : Harmful 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
4-hydroxy-4-methylpentan-2-one; diacetone alcohol	123-42-2	204-626-7	0-1	Xi	36	
carbon dioxide	124-38-9	204-696-9	1-5	-	-	A,G
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	265-149-8	60-100	Xn	65-66	B
Paraffin waxes and Hydrocarbon waxes	8002-74-2	232-315-6	0-1	-	-	
1H-Imidazole-1-ethanol, 2-(8- heptadecenyl)-4,5-dihydro-	95-38-5	202-414-9	0-1	C,N	22-34-50/53	

petroleum product additive	-		0-1	Xi,N	R36/38,R51/53	
Explanation notes						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						
G : exempted from the obligation to register in accordance with art.2(7)(a) of REACH Regulation No 1907/2006						

(* Explanation risk-phrases : see chapter 16)

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.
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):	70 °C
Explosion limits : upper limit :	7 %
lower limit :	0.6 %
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 :	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
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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-nr	method	
EU established exposure limits:			
carbon dioxide	124-38-9	TWA	5000 ppm

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

Apperance : physical state : CO2 propelled liquid

colour : amber

odour : Characteristic odour

Boiling point/range : 192 °C

Relative density : not available

pH : not available

Vapour pressure : not available

Relative vapour density : not available

Solubility in water : Insoluble in water

Flash point : 70 °C

Auto-ignition : > 200 °C

Viscosity : not available

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
No hazardous reactions known if used for its intended purpose

Materials to be avoided : Strong oxidising agent
Reacts with acids

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 : Harmful 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
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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. R52/53: Harmful 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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REVISIONS IN CHAPTRE :	8,9
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*Explanation risk-phrases:	R22: Harmful if swallowed. R34: Causes burns. R36: Irritating to eyes. R36/38: Irritating to eyes and skin. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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
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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.