

Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : FORMULA 1
Ref.Nr.: UK10009-3-120109

Creationdate : 12.01.09
Replaces: 26.03.08

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : FORMULA 1
 Aerosol

Application : Release Agents

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

Supplied by:
 RS Components Ltd,
 Birchington Road, Corby, Northants, NN17 9RS.
 Tel: +44 (0) 1536 402888 (8am to 8pm)
 Email: technical.help@rs-components.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	Kryptogatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. 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.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
ethanol; ethyl alcohol	64-17-5	200-578-6	1-5	F	11	B
methanol	67-56-1	200-659-6	0-1	F,T	11-23/24/25-39/23/24/25	A
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	30-60	F+	12	K



1 / 6

CRC Industries UK Limited
 Ambersil House, Wylds Road, Castlefield Industrial Estate,
 Bridgwater, Somerset, TA6 4DD
 Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.crcind.com

Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : FORMULA 1
Ref.Nr.: UK10009-3-120109

Creationdate : 12.01.09
Replaces: 26.03.08

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
Naphtha (petroleum), hydrodesulfurized light (benzene<0.1%)	92045-53-9	295-434-2	30-60	F,Xn,N	11-38-51/53-65-67	B,P
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)						

(* 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 :	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.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant):	- 4 °C
Explosion limits : upper limit :	19 %
lower limit :	1.1 %
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



Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : FORMULA 1
Ref.Nr.: UK10009-3-120109

Creationdate : 12.01.09
Replaces: 26.03.08

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

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:			
methanol	67-56-1	TWA	200 ppm

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

Apperance : physical state : propane/butane propelled liquid

colour : colourless

odour : Odourless

Boiling point/range : 77 °C



Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : FORMULA 1
Ref.Nr.: UK10009-3-120109

Creationdate : 12.01.09
Replaces: 26.03.08

Relative density : 0.765 g/cm³ (@ 20°C)
pH : not available
Vapour pressure : not available
Relative vapour density : not available
Solubility in water : Insoluble in water
Flash point : - 4 °C
Auto-ignition : > 200 not available
Viscosity : not available
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
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
 Irritating to 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



Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : FORMULA 1
Ref.Nr.: UK10009-3-120109

Creationdate : 12.01.09
Replaces: 26.03.08

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+,Xi,N
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 spray.
S24: Avoid contact with skin.
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.
Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.



Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : FORMULA 1
Ref.Nr.: UK10009-3-120109

Creationdate : 12.01.09
Replaces: 26.03.08

REVISIONS IN CHAPTRE :

8,9

***Explanation risk-phrases:**

R11: Highly flammable.

R12: Extremely flammable.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R38: Irritating to skin.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

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.

