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Material Safety Data Sheet

EU-Directive 2001/58

Productname : AGL 1
Ref.Nr.: UK10177-3-060407
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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : AGL 1
 Aerosol

Application : Lubricants

Company CRC Industries UK Ltd.

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 Somerset,
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2. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	<0.1		10
carbon dioxide	124-38-9	204-696-9	1-5	-	-
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2	1-5		
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	265-149-8	60-100	Xn	65-66

(* Explanation risk-phrases : see chapter 16)

3. HAZARD IDENTIFICATION

Health and Safety : Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment. (EU-Directive 67/548 Annex VI 9.4)

Environment : According to EU-directive 99/45/EC not classified

Other hazards : Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use.

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.
Seek medical attention if irritation persists

Inhalation : Fresh air, keep warm and at rest.

Ingestion : Ingestion is unlikely to occur
If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): 75 °C
(Closed Cup)

Explosion limits : upper limit : not available

lower limit : not available

Extinguishing media : water, 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 : Ensure adequate ventilation
Shut off all ignition sources

Environmental precautions : Do not allow to enter public sewers and watercourses

Cleaning methods : Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures : The usual precautions for handling chemicals should be observed
Use only in well ventilated areas
Do not pierce or burn aerosols, even after use.
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

Personal protection : The usual precautions for handling chemicals should be observed
Use only in well ventilated areas
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.
(Filter type A)

hands and skin : Wear suitable protective gloves
(nitrile)

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
carbon dioxide	124-38-9	TWA	5000 ppm
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm

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

Apperance : physical state : CO2
propelled
liquid

colour amber
:

odour salicylate
:

Melting point/range : <-50 °C

Boiling point/range : not available

Relative density : 0.83 g/cm³ (@ 20°C)

pH : not applicable

Vapour pressure : not available

Relative vapour density : not available

Solubility in water : Insoluble in water

Flash point : 75 °C (Closed Cup)

Auto-ignition : > 200 °C

Viscosity : 4 mPas (@ 20°C)

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.

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : CO,CO2

11. TOXICOLOGICAL INFORMATION

Inhalation : Excessive 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, leading to irritation, and in some cases, dermatitis

Eye contact : Mildly irritating to eyes

12. ECOLOGICAL INFORMATION

Ecotoxicity :

Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product : Do not empty into drains.

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 Y203
instr.
LQ

PAX 203

CAO 203

15. REGULATORY INFORMATION

Safety data sheet available for professional user on request.

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.

Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment. (EU-Directive 67/548 Annex VI 9.4)

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 : 3,8,9,11

***Explanation risk-phrases:** R65: Harmful:
may cause lung
damage if
swallowed.
R66: Repeated
exposure may
cause skin
dryness or
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.