

401-6853

MATERIAL SAFETY DATA SHEET

EU-Directive 93/112

Page 1

Productname : CRC WHITE LITHIUM GREASE aerosol creationdate : 04.10.00
MSDS-nr : AB12400 revision of :

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : CRC WHITE LITHIUM GREASE aerosol

Company : CRC Industries Europe n.v.

Touwslagerstraat 1

9240 ZELE

Tel. : 00.32/52456011

Fax : 00.32/52450034

In case of emergency : +32(0)52/45 60 11

2. COMPOSITION AND INFORMATION ON COMPONENTS

<u>Hazardous ingredient</u>	<u>CAS-nr</u>	<u>% weight</u>	<u>symbol</u>	<u>R-phrases*</u>
naphta (petroleum), hydrotreated light (max.0.1% benzene)	: 64742-49-0	10-30	F-Xn	11-65
propane	: 74-98-6	30-60	F+	12
butane	: 106-97-8	30-60	F+	12

3. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable (R12)
(propane/butane propellant)
Remark: The classification for aspiration
hazards (R65) does not apply for products
placed on the market in aerosol containers.
(EU-Directive 67/548 Annex VI 9.4)

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

MATERIAL SAFETY DATA SHEET

EU-Directive 93/112

Page 2

Productname : CRC WHITE LITHIUM GREASE aerosolcreationdate : 04.10.00
MSDS-nr : AB12400 revision of :

Contact with skin : Wash with water and soap.

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 : <0 °C

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 : Shut off all ignition sources
Ensure adequate ventilation

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 : Use only in well ventilated areas
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.

Storage procedures : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep out of reach of children.

MATERIAL SAFETY DATA SHEET

EU-Directive 93/112

Page 3

Productname : CRC WHITE LITHIUM GREASE aerosolcreationdate : 04.10.00
MSDS-nr : AB12400 revision of :

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

<u>component</u>	<u>CAS-nr</u>	<u>method</u>	<u>value</u>	<u>unit</u>
light hydrocarbon solvent	64742-49-0	OEL	400	ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Apperance : physical state : propane/butane propelled liquid
colour : white
odour : solvent

Relative density : 0.8 (at 20°C, water=1)

pH : not applicable

Solubility in water : Insoluble in water

Flash point : <0 °C

Auto-ignition : >200 °C

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 : 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.

<u>component</u>	<u>CAS-nr</u>	<u>method</u>	<u>value</u>	<u>unit</u>
------------------	---------------	---------------	--------------	-------------

MATERIAL SAFETY DATA SHEET

EU-Directive 93/112

Page 4

Productname : CRC WHITE LITHIUM GREASE aerosolcreationdate : 04.10.00
MSDS-nr : AB12400 revision of :

light hydrocarbon solvent 64742-49-0 LD50-oral rat >2000 mg/kg

12. ECOLOGICAL INFORMATION

Other adverse effects : chlorine-free

Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product : Do not empty into drains (S29)

Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number : 1950

Road/Rail - ADR/RID : 1950 Aerosols Class :
2.5, Number : F ADR

Sea - IMDG : 1950 Aerosols in Limited
Quantities Class : 2,

Air - IATA/ICAO : 1950 Aerosols - Ltd Qty -
Flammable - Y203 Class : 2.1,

15. REGULATORY INFORMATION

Warning symbol(s) : F+

Risk-phrase(s) : Extremely Flammable (R12)

Safety-phrase(s) : Keep out of the reach of
children (S2)
Keep away from sources of ignition - No
Smoking (S16)
Do not breathe gas/fumes/vapour/spray (S23)
Use only in well ventilated areas (S51)

Pressurized 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.

The classification for aspiration hazards (R65), does not apply for
products placed on the market in aerosol containers.

MATERIAL SAFETY DATA SHEET

EU-Directive 93/112

Page 5

Productname : CRC WHITE LITHIUM GREASE aerosolcreationdate : 04.10.00
MSDS-nr : AB12400 revision of :

(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.

*Explanation risk-phrases: Highly Flammable (R11)

Harmful : may cause lung damage if swallowed
(R65)