

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Power Lube® Multi-Purpose Lubricant - 9 oz

Other means of identification

**Product Code** No. 05005 (Item# 1003621) Recommended use Multi-purpose lubricant

**Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

CRC Industries, Inc. Company name

**Address** 885 Louis Dr.

Warminster, PA 18974 US

**Telephone** 

**General Information** 215-674-4300 **Technical Assistance** 800-521-3168 800-272-4620 **Customer Service** 24-Hour Emergency 800-424-9300 (US)

(CHEMTREC)

Website www.crcindustries.com

# 2. Hazard(s) identification

**Physical hazards** Flammable aerosols Category 1

> Gases under pressure Compressed gas Aspiration hazard Category 1

**Environmental hazards** Not classified. **OSHA** defined hazards Not classified.

Label elements

**Health hazards** 



Signal word Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if

swallowed and enters airways.

**Precautionary statement** 

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open

> flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any

symptoms listed on this label, increase ventilation or leave the area.

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

Response Storage

Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

Dispose of contents/container in accordance with local/regional/national regulations.

Disposal

Hazard(s) not otherwise

classified (HNOC)

None known.

Supplemental information None.

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## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
distillates (petroleum), hydrotreated light	1	64742-47-8	60 - 70
paraffin oils (petroleum), catalytic dewaxed heavy		64742-70-7	5 - 10
paraffin oils (petroleum), catalytic dewaxed light		64742-71-8	1 - 10
butyl stearate		123-95-5	3 - 5
distillates (petroleum), hydrotreated heavy paraffinic	1	64742-54-7	1 - 5
carbon dioxide		124-38-9	1 - 3
dipropylene glycol methyl ether acetate		88917-22-0	1 - 3
petrolatum		8009-03-8	1 - 3
methyl salicylate		119-36-8	< 2

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If

vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important Aspiration may cause pulmonary edema and pneumonitis. Headache. Nausea, vomiting. Diarrhea.

symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

# 5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media Water fog. Alcohol resistant foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions

In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up.

**General fire hazards**Extremely flammable aerosol. Contents under pressure. Combustible. Pressurized container may rupture when exposed to heat or flame.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

#### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

#### **Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

#### Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. For product usage instructions, see the product label.

## Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

**Type** 

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place.

Value

# 8. Exposure controls/personal protection

#### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

### U.S. - OSHA Components

distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m3	
US. OSHA Table Z-1 Limits for Air Components	Contaminants (29 CFR 1910.1 Type	l000) Value	Form
carbon dioxide (CAS 124-38-9)	PEL	9000 mg/m3	
		5000 ppm	
distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	PEL	5 mg/m3	Mist.
paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)	PEL	5 mg/m3	Mist.
paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)	PEL	5 mg/m3	Mist.
petrolatum (CAS 8009-03-8)	PEL	5 mg/m3	Mist.
ACGIH			
Components	Туре	Value	Form
distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction
<b>US. ACGIH Threshold Limit Values</b>	;		
Components	Туре	Value	Form
butyl stearate (CAS 123-95-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
carbon dioxide (CAS 124-38-9)	STEL	30000 ppm	

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Components	Туре	Value	Form
	TWA	5000 ppm	
listillates (petroleum), ydrotreated heavy earaffinic (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction.
araffin oils (petroleum), atalytic dewaxed heavy CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.
araffin oils (petroleum), atalytic dewaxed light CAS 64742-71-8)	TWA	5 mg/m3	Inhalable fraction.
etrolatum (CAS 009-03-8)	TWA	5 mg/m3	Inhalable fraction.
J.S NIOSH			
Components	Туре	Value	Form
listillates (petroleum), ydrotreated heavy earaffinic (CAS 64742-54-7)	STEL	10 mg/m3	Mist
,	TWA	5 mg/m3	Mist
JS. NIOSH: Pocket Guide to Chem	ical Hazards		
Components	Туре	Value	Form
arbon dioxide (CAS 24-38-9)	STEL	54000 mg/m3	
		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	
listillates (petroleum), ydrotreated heavy earaffinic (CAS 64742-54-7)	STEL	10 mg/m3	Mist.
,	TWA	5 mg/m3	Mist.
listillates (petroleum), ydrotreated light (CAS 4742-47-8)	TWA	100 mg/m3	
earaffin oils (petroleum), atalytic dewaxed heavy CAS 64742-70-7)	STEL	10 mg/m3	Mist.
,	TWA	5 mg/m3	Mist.
earaffin oils (petroleum), atalytic dewaxed light CAS 64742-71-8)	STEL	10 mg/m3	Mist.
•	TWA	5 mg/m3	Mist.
	0.751	10 mg/m3	Mist.
etrolatum (CAS 009-03-8)	STEL	To mg/ms	IVIISt.

**Biological limit values** 

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin protection

**Hand protection** Wear protective gloves such as: Neoprene. Nitrile.

Other Wear suitable protective clothing.

Respiratory protection If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a

> NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to

determine actual employee exposure levels.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

# 9. Physical and chemical properties

**Appearance** 

Physical state Liquid. Aerosol. **Form** Amber. Color Odor Mint.

Odor threshold Not available. Not available.

Melting point/freezing point Initial boiling point and boiling

-56.2 °F (-49 °C) estimated 432 °F (222.2 °C) estimated

range

196.0 °F (91.1 °C) Setaflash Flash point

**Evaporation rate** Not available. Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits 0.6 % estimated Explosive limit - lower (%)

Explosive limit - upper (%) 7 % estimated

1661.1 hPa estimated Vapor pressure

Vapor density Not available. Relative density 0.85 estimated

Solubility(ies)

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

428 °F (220 °C) estimated **Auto-ignition temperature** 

**Decomposition temperature** Not available. Not available. **Viscosity** Percent volatile 77.6 % estimated

# 10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

**Chemical stability** Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible

materials.

Strong oxidizing agents. Incompatible materials

**Hazardous decomposition** 

Carbon oxides.

products

# 11. Toxicological information

#### Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact Prolonged skin contact may cause temporary irritation. Direct contact with eyes may cause temporary irritation. Eye contact

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chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration may cause pulmonary edema and pneumonitis. Headache. Nausea, vomiting.

3 Not classifiable as to carcinogenicity to humans.

Diarrhea.

Information on toxicological effects

May be fatal if swallowed and enters airways. **Acute toxicity** 

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation. Direct contact with eyes may cause temporary irritation. Serious eye damage/eye

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Not classifiable as to carcinogenicity to humans. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

distillates (petroleum), hydrotreated heavy paraffinic 3 Not classifiable as to carcinogenicity to humans.

(CAS 64742-54-7)

paraffin oils (petroleum), catalytic dewaxed heavy 3 Not classifiable as to carcinogenicity to humans.

(CAS 64742-70-7)

paraffin oils (petroleum), catalytic dewaxed light

(CAS 64742-71-8)

petrolatum (CAS 8009-03-8) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

This product is not expected to cause reproductive or developmental effects. Reproductive toxicity

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, **Aspiration hazard** 

may cause chemical pneumonia, pulmonary injury or death.

**Chronic effects** Prolonged inhalation may be harmful.

12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

methyl salicylate 2.55

No data available. Mobility in soil

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

The dispensed liquid product is a RCRA hazardous waste for the characteristic of ignitability with a **Disposal instructions** 

waste code of D001 (See 40 CFR Part 261.20 – 261.33). Empty container can be recycled. Full or partially-full aerosol cans can be treated as universal waste. Consult authorities before disposal. Contents under pressure. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into

sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.

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Hazardous waste code Possible RCRA waste code includes: D001: Waste Flammable material with a flash point <140 F

However, it is the generator's responsibility to determine the proper classification and disposal

method at the time of disposal.

Empty containers should be taken to an approved waste handling site for recycling or disposal. Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Do not re-use empty containers.

## 14. Transport information

DOT

**UN** number UN1950

UN proper shipping name

Aerosols, flammable, Limited Quantity

Transport hazard class(es)

Class 2.1 Subsidiary risk 2.1 Label(s)

Packing group Not assigned.

**Environmental hazards** 

Marine pollutant No.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions N82 Packaging exceptions 306 Packaging non bulk None Packaging bulk None

**IATA** 

UN1950 **UN** number

**UN proper shipping name** Aerosols, flammable, Limited Quantity

Transport hazard class(es)

Class 2.1 Subsidiary risk

Not assigned. Packing group

**ERG Code** 10L

Other information

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

**IMDG** 

**UN** number UN1950

**UN** proper shipping name Transport hazard class(es) AEROSOLS, Limited Quantity

Class 2.1

Subsidiary risk

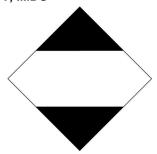
Not assigned. Packing group

**Environmental hazards** 

Marine pollutant No. F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

DOT; IMDG





## 15. Regulatory information

**US** federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

**CERCLA Hazardous Substances: Reportable quantity** 

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

#### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

Food and Drug

Not regulated.

Administration (FDA)

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

Classified hazard

Flammable (gases, aerosols, liquids, or solids)

categories

Gas under pressure Aspiration hazard

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

SARA 313 (TRI reporting)

Not regulated.

## **US state regulations**

# US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)

paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)

petrolatum (CAS 8009-03-8)

## US. New Jersey Worker and Community Right-to-Know Act

carbon dioxide (CAS 124-38-9)

## **US. Massachusetts RTK - Substance List**

carbon dioxide (CAS 124-38-9)

distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

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paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7) paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8) petrolatum (CAS 8009-03-8)

#### US. Pennsylvania Worker and Community Right-to-Know Law

carbon dioxide (CAS 124-38-9)

distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

methyl salicylate (CAS 119-36-8)

paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7) paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)

petrolatum (CAS 8009-03-8)

#### **US. Rhode Island RTK**

carbon dioxide (CAS 124-38-9)

distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

methyl salicylate (CAS 119-36-8)

paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)

petrolatum (CAS 8009-03-8)

#### **California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

#### Volatile organic compounds (VOC) regulations

#### **EPA**

VOC content (40 CFR

97.1 %

51.100(s))

Consumer products (40 CFR 59, Subpt. C)

Not regulated

Inventory name

State

Consumer products This product is regulated as a Multi-Purpose Lubricant. This product is compliant for use in all 50

states.

VOC content (CA) 0 % VOC content (OTC) 0 %

#### International Inventories

Country(s) or region

odulitiy(3) or region	inventory name	On inventory (yes/no)
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other information, including date of preparation or last revision

Issue date 11-18-2022
Prepared by Allison Yoon

Version # 01

Further information CRC # 462F/1002459

On inventory (yes/no)\*

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Disclaimer** The information contained in this document applies to this specific material as supplied. It may not

be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety

professional, or CRC Industries, Inc..

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.