

## SAFETY DATA SHEET

#### 1. Identification

Product identifier 3-36® Multi-Purpose Lubricant - 311 g

Other means of identification

Product Code No. 73005 (Item # 1006139)

Recommended use Multi-purpose lubricant

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

Company name CRC Canada Co.

Address 83 Galaxy Blvd

Unit 35 - 37

Toronto, ON M9W 5X6

Canada

Telephone

**General Information** 416-847-7750

24-Hour Emergency

800-424-9300 (Canada)

(CHEMTREC)

Website www.crc-canada.ca

E-mail Support.CA@crcindustries.com

#### 2. Hazard identification

Physical hazards Flammable aerosols Category 1

Gases under pressure Compressed gas

Health hazardsAspiration hazardCategory 1Environmental hazardsHazardous to the aquatic environment,Category 2

long-term hazard

Label elements



Signal word Danger

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

swallowed and enters airways. Toxic to aquatic life with long lasting effects.

**Precautionary statement** 

**Prevention** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

Avoid release to the environment.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Collect

spillage.

Storage Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to

temperatures exceeding 50°C/122°F.

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

Other hazards None known.

Supplemental information None.

### 3. Composition/information on ingredients

**Mixtures** 

Material name: 3-36® Multi-Purpose Lubricant - 311 g

Chemical name	Common name and synonyms	CAS number	%
distillates (petroleum), hydrotreat light	red	64742-47-8	60 - 80
white mineral oil		8042-47-5	10 - 30
butyl stearate		123-95-5	1 - 5
carbon dioxide		124-38-9	1 - 5
petrolatum		8009-03-8	0.5 - 1.5
water		7732-18-5	0 - 0.1

The exact percentage (concentration) of composition has been withheld as a trade secret. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms Inhalation

develop move victim to fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.

Get medical attention if symptoms persist.

Rinse skin with water/shower. Take off contaminated clothing and wash before reuse. If skin Skin contact

irritation occurs: Get medical advice/attention.

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

Ingestion Call a physician or poison control center immediately. In the unlikely event of swallowing contact a

physician or poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. Do not induce vomiting. Aspiration may cause pulmonary edema and pneumonitis. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects, acute and delayed

Aspiration may cause pulmonary edema and pneumonitis.

Indication of immediate medical attention and special treatment needed

**General information** 

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

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

Specific hazards arising from the chemical

Special protective equipment

and precautions for firefighters Fire fighting

equipment/instructions

General fire hazards

exposed to heat or flame.

Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2). Dry chemicals.

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

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

Firefighters must use standard protective equipment including flame retardant coat, helmet with

face shield, gloves, rubber boots, and in enclosed spaces, SCBA. 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. Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when

#### 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. For personal protection, see section 8 of the SDS.

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). Prevent product from entering drains. Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

#### 7. Handling and storage

## Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. 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 exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

## Conditions for safe storage, including any incompatibilities

Store in a cool, dry place out of direct sunlight. 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. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

#### Occupational exposure limits

US. ACGIH	Threshold	Limit	Values
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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	
	TWA	5000 ppm	
petrolatum (CAS 3009-03-8)	TWA	5 mg/m3	Inhalable fraction.
white mineral oil (CAS 3042-47-5)	TWA	5 mg/m3	Inhalable fraction.
Canada. Alberta OELs (Occupational	Health & Safety Code, Sch	nedule 1, Table 2)	
Components	Type	Value	Form
outyl stearate (CAS 123-95-5)	TWA	10 mg/m3	
carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3	
		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	
distillates (petroleum), nydrotreated light (CAS 64742-47-8)	TWA	200 mg/m3	Vapor.
petrolatum (CAS 3009-03-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
white mineral oil (CAS 8042-47-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

# Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Туре	Value	Form
butyl stearate (CAS 123-95-5)	TWA	10 mg/m3	
carbon dioxide (CAS 124-38-9)	STEL	15000 ppm	
	TWA	5000 ppm	

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Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97. as amended)

Components	ed) Type	Value	Form
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	200 mg/m3	Non-aerosol.
white mineral oil (CAS 8042-47-5)	TWA	1 mg/m3	Mist.
Canada. Manitoba OELs (Reg. 217/20 Components	006, The Workplace Safety A Type	nd Health Act) 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	
	TWA	5000 ppm	
petrolatum (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.
white mineral oil (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.
Canada. Ontario OELs. (Control of E Components	xposure to Biological or Che Type	emical Agents) Value	
butyl stearate (CAS 123-95-5)	TWA	10 mg/m3	
carbon dioxide (CAS 124-38-9)	STEL	30000 ppm	
,	TWA	5000 ppm	
Canada. Quebec OELs. (Ministry of L Components	abor - Regulation respectin. Type	g occupational health and sa Value	fety) Form
carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3	
		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	
petrolatum (CAS 8009-03-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
white mineral oil (CAS 8042-47-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Canada. Saskatchewan OELs (Occu  Components	pational Health and Safety Ro Type	egulations, 1996, Table 21) Value	Form
butyl stearate (CAS 123-95-5)	15 minute	20 mg/m3	
<b>,</b>	8 hour	10 mg/m3	
carbon dioxide (CAS 124-38-9)	15 minute	30000 ppm	
·	8 hour	5000 ppm	
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	15 minute	250 mg/m3	Vapor.
,	8 hour	200 mg/m3	Vapor.
	o noui	200 mg/mo	ναμοι.

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

 Components
 Type
 Value

 8 hour
 5 mg/m3

15 minute

8042-47-5)

white mineral oil (CAS

8 hour 5 mg/m3

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

**Exposure guidelines** 

Canada - Alberta OELs: Skin designation

(CAS 64742-47-8)

Canada - British Columbia OELs: Skin designation

distillates (petroleum), hydrotreated light Can be absorbed through the skin.

(CAS 64742-47-8)

Canada - Saskatchewan OELs: Skin designation

(CAS 64742-47-8)

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.

10 mg/m3

**Form** 

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: Nitrile. Neoprene.

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.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

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.

Form Aerosol.

Color Amber.

Odor Mild petroleum.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -56.2 °F (-49 °C) estimated

Initial boiling point and boiling

range

Not available.

Flash point 200 °F (93.3 °C) Tag Closed Cup

**Evaporation rate** Slow.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower 0.6 % estimated

(%)

Flammability limit - upper 5.5 % estimated

(%)

Vapor pressure 1823.7 hPa estimated

SDS CANADA

Vapor density > 1 (air = 1)Relative density 0.84 estimated

Solubility(ies)

Negligible. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

419 °F (215 °C) estimated **Auto-ignition temperature** 

Not available. **Decomposition temperature Viscosity** Not available.

Other information

Percent volatile 78.2 % 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.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

Carbon oxides.

## 11. Toxicological information

#### Information on likely routes of exposure

Prolonged inhalation may be harmful. Inhalation

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

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious Ingestion

chemical pneumonia.

Symptoms related to the

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

Diarrhea.

#### Information on toxicological effects

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

Components **Species Test Results** 

butyl stearate (CAS 123-95-5)

**Acute** Oral

LD50 Rat 32 g/kg

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

**Acute** 

**Dermal** 

LD50 Rabbit > 5000 mg/kg

Inhalation

LC50 Rat > 20000 ppm, 4 hours

Oral

LD50 Rat > 5000 mg/kg

petrolatum (CAS 8009-03-8)

**Acute Dermal** 

LD50 Rabbit > 2000 mg/kg

Material name: 3-36® Multi-Purpose Lubricant - 311 g

Components Species Test Results

Oral

LD50 Rat > 5000 mg/kg

white mineral oil (CAS 8042-47-5)

Acute Oral

LD50 Rat > 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization Canada - Alberta OELs: Irritant

butyl stearate (CAS 123-95-5) Irritant

**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.

Carcinogenicity

**ACGIH Carcinogens** 

butyl stearate (CAS 123-95-5)

petrolatum (CAS 8009-03-8)

white mineral oil (CAS 8042-47-5)

A4 Not classifiable as a human carcinogen.

A4 Not classifiable as a human carcinogen.

A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

butyl stearate (CAS 123-95-5)

petrolatum (CAS 8009-03-8)

white mineral oil (CAS 8042-47-5)

Not classifiable as a human carcinogen.

Not classifiable as a human carcinogen.

Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

white mineral oil (CAS 8042-47-5)

3 Not classifiable as to carcinogenicity to humans.

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

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary

injury or death.

12. Ecological information

**Ecotoxicity** Toxic to aquatic life.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil Not available.

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

**Disposal instructions**Contents under pressure. Do not puncture, incinerate or crush. Empty container can be recycled.

Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of

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

**Local disposal regulations** Dispose in accordance with all applicable regulations.

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

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

**TDG** 

UN number UN1950

SDS CANADA

UN proper shipping name AEROSOLS, flammable, Limited Quantity

Transport hazard class(es)

Class 2.1 Subsidiary risk -

Packing group Not applicable.

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

Special provisions 80, 10

IATA

UN number UN1950

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

Transport hazard class(es)

Class 2.1 Subsidiary risk -

Packing group Not applicable.

ERG Code 10L

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

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

**IMDG** 

UN number UN1950

UN proper shipping name AEROSOLS, Limited Quantity

Transport hazard class(es)

Class 2.1 Subsidiary risk -

Packing group Not applicable.

**Environmental hazards** 

Marine pollutant Yes, but exempt from the regulations.

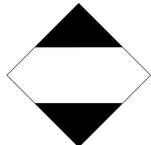
**EmS** F-D, S-U

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

#### **IATA**



### IMDG; TDG



## 15. Regulatory information

**Canadian regulations**This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

#### **Controlled Drugs and Substances Act**

Not regulated.

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#### Export Control List (CEPA 1999, Schedule 3)

Not listed.

#### **Greenhouse Gases**

carbon dioxide (CAS 124-38-9)

#### **Precursor Control Regulations**

Not regulated.

#### International regulations

#### **Stockholm Convention**

Not applicable.

#### **Rotterdam Convention**

Not applicable.

#### Kyoto protocol

carbon dioxide (CAS 124-38-9)

## **Montreal Protocol** Not applicable.

**Basel Convention** 

## Not applicable. International Inventories

Europe

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

Listed.

European Inventory of Existing Commercial Chemical

Substances (EINECS)

European List of Notified Chemical Substances (ELINCS) Europe 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)

Taiwan Taiwan Chemical Substance Inventory (TCSI) Yes United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

#### 16. Other information

Issue date 08-23-2019

Version # 01

CRC # 591C/1002617 **Further information** 

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

> 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 Canada Co..

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

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No

No

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