



Lubegard® Premium Multi-Purpose 2-Cycle Oil

Safety Data Sheet

Conforms to United States OSHA 2012 HazCom

Date of issue: 07/20/2015

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Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Lubegard® Premium Multi-Purpose 2-Cycle Oil
Product code : 12901, 12905, 12932, 12944, 12955

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Use of the Substance/Mixture : Lubricant

1.2.2 Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

International Lubricants, Inc.
7930 Occidental Ave. S.
Seattle, WA 98108
Telephone(206) 762-5343
(800) 333-LUBE (5823)

1.4. Emergency telephone number

Emergency number with hours of operation: : ChemTel (800)255-3924
24-hours a day /7 days a week /365 days a year ChemTel (813)248-0585

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to United States OSHA 2012 HazCom

Hazard Class

Skin Irritation, Category 2
Eye Irritation, Category 2A

2.2. Label elements

Label elements according to United States OSHA 2012 HazCom

Hazard Pictograms



Signal Word

Warning

Hazard Statements

H315 – Causes skin irritation
H319 – Causes serious eye irritation

Precautionary Statements

Prevention

P264 – Wash hands thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P272 – Contaminated work clothing must not be allowed out of the workplace

Response

P362 – Take off contaminated clothing
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P332+P313 – If skin irritation occurs, get medical attention/advice

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists, get medical attention/advice

Storage Not applicable

Disposal P501 - Dispose of contents and container in accordance with all local, regional, national, and international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

15% of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixtures

Ingredient Name	CAS Number	Weight %	GHS – OSHA Classification
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	60 - 100	Not Classified
Ethylbenzene	100-41-4	<0.1	Flammable Liquid Category 2 Acute Toxicity Category 4 (Inhalation) Carcinogen Category 2

SECTION 4 : First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a physician if irritation develops and persists.
First-aid measures after eye contact	: In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses. If irritation persists, get medical attention.
First-aid measures after ingestion	: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention/advice if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excessive blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5 : Firefighting measures

5.1. Extinguishing Media

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available

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5.2. Special Hazards Arising from the Chemical

Fire Hazard: May include, but are not limited to oxides of carbon, oxides of nitrogen, and oxides of sulfur.

5.4. Special Protective Equipment and Precautions for Fire Fighters

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.2. For emergency responders: No additional information available.

6.2. Methods and material for containment and cleaning up

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow the material to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Vacuum or sweep material and place in a disposal container. Provide ventilation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not swallow. Open and handle container with care. When using do not eat, drink or smoke. Do not breathe gas/fumes/vapor/spray. Use only in a well-ventilated area.

General hygiene advice : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs. Store in a cool, dry, well-ventilated area.

7.3. Specific End use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Guidelines

Occupational Exposure Limits	OSHA-PEL	ACGIH-TLV
Ingredient Name		
Distillates (petroleum), hydrotreated light naphthenic	Not available	Not available
Ethylbenzene	100 ppm	20 ppm

8.2. Exposure controls

Engineering Controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
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8.3. Individual Protective Measures

Personal Protective Equipment	
Hand protection	: Wear chemically resistant protective gloves.
Eye protection	: Wear approved eye protection (properly fitted dust-proof or splash-proof chemical safety goggles) and face protection (face shield).
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.

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General health and safety measures	: Handle according to established industrial hygiene and safety practices.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance, physical state and color	: Dark olive-green colored opaque liquid
Odor	: Mild, sulfur
Odor threshold	: No data available
pH	: No data available
Melting point / Freezing Point	: No data available
Initial boiling point / Boiling range	: No data available
Flash point	: >149°C (>300°F)
Relative evaporation rate	: No data available
Flammability (solid, gas)	: Not flammable
Lower flammable / Explosive limit	: No data available
Upper flammable / Explosive limit	: No data available
Vapor pressure	: Negligible
Vapor density	: No data available
Relative density	: 0.89 g/cm ³ @ 60°F
Solubility	: Negligible
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 48.4 cSt @ 40°C
Viscosity, dynamic	: No data available
Oxidizing properties	: No data available
Explosive properties	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat. Incompatible materials.

10.5. Incompatible materials

Oxidizers

10.6. Hazardous decomposition products

May include, but are not limited to oxides of carbon, oxides of nitrogen, oxides of sulfur

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Lubegard® 2-in-1 Marine 2-Cycle Oil & Engine Treatment	
LD50 oral rat	>2000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat	No data available

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>2000 mg/kg

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Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

LC50 inhalation rat	2.18 mg/L, 4 hours
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Ethylbenzene (100-41-4)

LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15354 mg/kg
LC50 inhalation rat	17.2 mg/L, 4 hours

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, Prop 65) (See Section 15 for more information)
Distillates (petroleum), hydrotreated light naphthenic	Not listed
Ethylbenzene	ACGIH Group A3, IARC Group 2B, Prop 65

Skin Corrosion/Irritation:

Causes skin irritation.

Serious Eye Damage/Irritation:

Causes serious eye irritation.

Respiratory or Skin Sensitization:

Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive Toxicity:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure:

Based on available data, the classification criteria are not met.

Aspiration Hazard:

Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation:

May cause respiratory tract irritation.

Symptoms/injuries after skin contact:

Causes skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.

Symptoms/injuries after eye contact:

Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion:

May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

SECTION 12: Ecological information

12.1. Ecotoxicity

Acute/Chronic Toxicity May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability Not available

12.3. Bioaccumulative potential

Bioaccumulation Not available

12.4. Mobility in soil

Not available

12.5. Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal Method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Other Disposal Recommendations: Not available.

SECTION 14: Transport information

In accordance with DOT

14.1 UN NUMBER

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Not regulated

14.2 UN PROPER SHIPPING NAME

Not regulated

14.3 ADDITIONAL INFORMATION

Other information:

No supplementary information available.

Special transport precautions:


Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the chemical

15.1.1. United States : Safety data sheet prepared pursuant to the Hazard Communication Standard, 29 CFR 1910.1200 (2012 OSHA HazCom)

SARA Title III				
Ingredient Name	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Distillates (petroleum), hydrotreated light naphthenic	Not listed	Not listed	Not listed	Not listed
Ethylbenzene	Not listed	Not listed	1000	313

State Regulations	
California Proposition 65:	
	WARNING: This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .

Ingredient Name	USA TSCA
Distillates (petroleum), hydrotreated light naphthenic	Yes
Ethylbenzene	Yes

NFPA - National Fire Protection Association	
Health:	1
Fire:	1
Reactivity:	0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65

California Proposition 65

OSHA

Occupational Safety and Health Administration.

ACGIH

American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

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A5 - Not suspected as a human carcinogen.

IARC

International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP

National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

SECTION 16: Other information

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End of Safety Data Sheet