

		Page: 1
<b>SAFETY DATA SHEET</b>		Revision Date: 05/09/2018
		Print Date: 6/6/2018
		SDS Number: R0711003
LUBRAJEL II XD		Version: 1.0
829548		

29 CFR 1910.1200 (OSHA HazCom 2012)

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**

Trade name : LUBRAJEL II XD

**Relevant identified uses of the substance or mixture and uses advised against**

Recommended use : Personal care

<p><b>Details of the supplier of the safety data sheet</b>          Ashland          P.O. Box 2219          Columbus, OH 43216          United States of America (USA)          +1-614-790-3333</p> <p>EHSProductSafety@ashland.com</p>	<p><b>Emergency telephone number</b>          1-800-ASHLAND (1-800-274-5263)</p> <p><b>Regulatory Information Number</b>          1-800-325-3751</p> <p><b>Product Information</b>          +1-614-790-3333</p>
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**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**GHS label elements**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Classification	Concentration (%)
ALCOHOL	254504001-5838	This material is not	>= 50.00 - < 60.00



<b>SAFETY DATA SHEET</b>	Revision Date: 05/09/2018
	Print Date: 6/6/2018
	SDS Number: R0711003
LUBRAJEL II XD 829548	Version: 1.0

		considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).	
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The identity and concentration of one or more component(s) is being withheld under business confidentiality.

2-PROPENOIC ACID, HOMOPOLYMER, ESTER WITH 1,2,3-PROPANETRIOL (<2%)	9003-01-4	Comb Dust	5.00
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#### SECTION 4. FIRST AID MEASURES

General advice	: No hazards which require special first aid measures.
If inhaled	: If breathed in, move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
In case of eye contact	: Remove contact lenses. Protect unharmed eye.
If swallowed	: Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose, throat, airways)
Notes to physician	: No hazards which require special first aid measures.

#### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local
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<b>SAFETY DATA SHEET</b>		Revision Date: 05/09/2018
		Print Date: 6/6/2018
		SDS Number: R0711003
LUBRAJEL II XD		Version: 1.0
829548		

circumstances and the surrounding environment.

Water spray

Foam

Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.  
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Aldehydes  
carbon dioxide and carbon monoxide  
nitrogen oxides (NOx)

Specific extinguishing methods :  
  
Product is compatible with standard fire-fighting agents.

Further information : Standard procedure for chemical fires.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.  
Avoid breathing dust.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.


Environmental precautions : Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid dust formation.  
Smoking, eating and drinking should be prohibited in the application area.

		Page: 4
<b>SAFETY DATA SHEET</b>		Revision Date: 05/09/2018
		Print Date: 6/6/2018
		SDS Number: R0711003
LUBRAJEL II XD		Version: 1.0
829548		

For personal protection see section 8.

Materials to avoid : No materials to be especially mentioned.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

ALCOHOL	254504001-5838	TWA	5 mg/m3 mist, respirable fraction	OSHA Z-1
		TWA	15 mg/m3 mist, total dust	OSHA Z-1
		PEL	10 mg/m3 Mist - total fraction	CAL PEL
		PEL	5 mg/m3 Mist - respirable fraction	CAL PEL
		TWA	10 mg/m3 Mist - total dust	OSHA P0
		TWA	5 mg/m3 Mist - respirable fraction	OSHA P0

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**Engineering measures** : Provide appropriate exhaust ventilation at places where dust is formed.  
 General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Skin and body protection : Wear as appropriate:  
 Safety shoes  
 Wear resistant gloves (consult your safety equipment supplier).



<b>SAFETY DATA SHEET</b>	Revision Date: 05/09/2018
	Print Date: 6/6/2018
	SDS Number: R0711003
LUBRAJEL II XD 829548	Version: 1.0

Hygiene measures : Avoid breathing dust.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: gel
Physical state	: solid
Odour	: No data available
Odour Threshold	: No data available
pH	: 4.7 - 5.5
Melting point/freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: 93.3 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: Not applicable
Relative vapour density	: No data available
Relative density	: No data available
Density	: 1 - 1.2 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Thermal decomposition	: No data available

**SAFETY DATA SHEET**

Revision Date: 05/09/2018

Print Date: 6/6/2018

SDS Number: R0711003

LUBRAJEL II XD

Version: 1.0

829548

Viscosity  
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Conditions to avoid : Keep away from heat, flame, sparks and other ignition sources.

Incompatible materials : Strong bases  
Strong oxidizing agents

Hazardous decomposition products : acrolein  
Aldehydes  
carbon dioxide and carbon monoxide

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Components:****ALCOHOL:**

Acute oral toxicity : LD50 (Rat): 12,600 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 570 mg/m3  
Exposure time: 1 h



<b>SAFETY DATA SHEET</b>	Revision Date: 05/09/2018
	Print Date: 6/6/2018
	SDS Number: R0711003
LUBRAJEL II XD 829548	Version: 1.0

Test atmosphere: vapour  
 Assessment: Not classified as acutely toxic by inhalation under GHS.

Acute dermal toxicity : LD50 (Rabbit): > 10 g/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Components:**

ALCOHOL:

Result: No skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Unlikely to cause eye irritation or injury., Product dust may be irritating to eyes, skin and respiratory system.

**Components:**

ALCOHOL:

Result: Slight, transient irritation

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information**

**Product:**

Remarks: No data available

**Carcinogenicity:**

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.



<b>SAFETY DATA SHEET</b>	Revision Date: 05/09/2018
	Print Date: 6/6/2018
	SDS Number: R0711003
LUBRAJEL II XD 829548	Version: 1.0

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

**Components:****ALCOHOL:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 54,000 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 1,995 mg/l  
Exposure time: 48 h

**Persistence and degradability****Components:****ALCOHOL:**

Biodegradability : Result: Readily biodegradable.

No data available

**Bioaccumulative potential****Components:****ALCOHOL:**

Partition coefficient: n-octanol/water : log Pow: -1.76

No data available

**Mobility in soil****Components:**

No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

**Components:**



**SAFETY DATA SHEET**

Revision Date: 05/09/2018

Print Date: 6/6/2018

SDS Number: R0711003

LUBRAJEL II XD

Version: 1.0

829548

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.

**SECTION 14. TRANSPORT INFORMATION****International transport regulations****REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.

**U.S. DOT - ROAD**

Not dangerous goods

**CFR\_RAIL\_C**

Not dangerous goods

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods

**TDG\_ROAD\_C**

Not dangerous goods

**TDG\_RAIL\_C**

Not dangerous goods

**TDG\_INWT\_C**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods



<b>SAFETY DATA SHEET</b>	Revision Date: 05/09/2018
	Print Date: 6/6/2018
	SDS Number: R0711003
LUBRAJEL II XD	Version: 1.0
829548	

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods
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**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods
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**MX\_DG**

Not dangerous goods
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\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Marine pollutant	no
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Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**SECTION 15. REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know Act  
CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : No SARA Hazards

**US State Regulations**

**Pennsylvania Right To Know**

ALCOHOL	254504001-5838
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WATER	7732-18-5
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2-PROPENOIC ACID, HOMOPOLYMER, ESTER WITH 1,2,3-PROPANETRIOL (<2%)	9003-01-4
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**New Jersey Right To Know**

ALCOHOL	254504001-
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		Page: 11
<b>SAFETY DATA SHEET</b>		Revision Date: 05/09/2018
		Print Date: 6/6/2018
		SDS Number: R0711003
LUBRAJEL II XD		Version: 1.0
829548		

5838

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WATER

7732-18-5

2-PROPENOIC ACID, HOMOPOLYMER,  
ESTER WITH 1,2,3-PROPANETRIOL (<2%)

9003-01-4

**California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

- TSCA : Personal care
- DSL : All components of this product are on the Canadian DSL
- AICS : On the inventory, or in compliance with the inventory
- ENCS : On the inventory, or in compliance with the inventory
- KECI : On the inventory, or in compliance with the inventory
- PICCS : On the inventory, or in compliance with the inventory
- IECSC : On the inventory, or in compliance with the inventory

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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**SECTION 16. OTHER INFORMATION**

**Further information**

Revision Date: 05/09/2018

<b>NFPA:</b>	<b>HMIS III:</b>
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**SAFETY DATA SHEET**

Revision Date: 05/09/2018

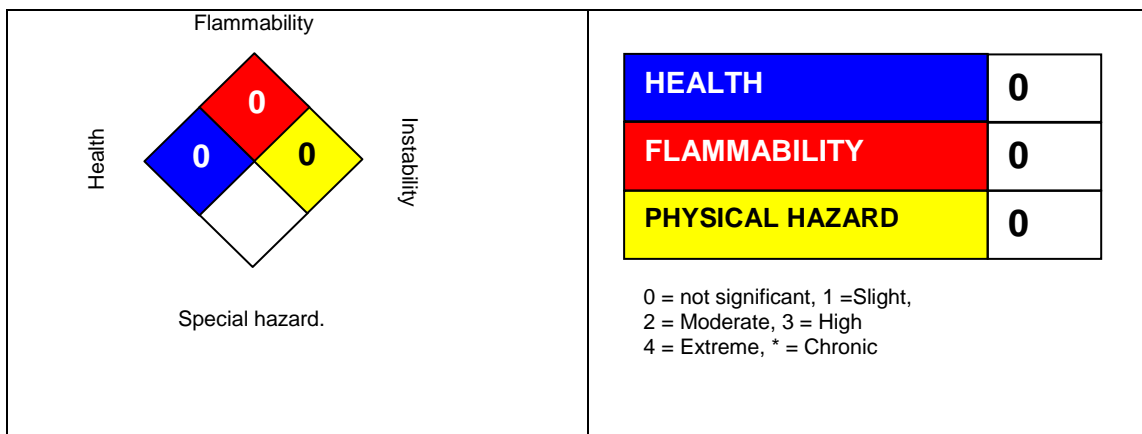
Print Date: 6/6/2018

SDS Number: R0711003

LUBRAJEL II XD

Version: 1.0

829548

**NFPA Flammable and Combustible Liquids Classification**

Not applicable

**Full text of H-Statements**

Sources of key data used to compile the Safety Data Sheet

Ashland internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EC<sub>x</sub> - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL<sub>x</sub> - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC<sub>x</sub> - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous



<b>SAFETY DATA SHEET</b>	Revision Date: 05/09/2018
	Print Date: 6/6/2018
	SDS Number: R0711003
LUBRAJEL II XD	Version: 1.0
829548	

Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative