

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : Lubricant 704  
 Type of product : Use in lubricants  
 Product group : Trade product

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

##### Relevant identified uses

Main use category : Professional use  
 Industrial/Professional use spec : For professional use only  
 Use of the substance/mixture : Lubricants and additives

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

LAM PLAN SAS  
 7, rue des Jardins  
 P.O. Box BP 15  
 Fr 74240 Gaillard  
 France  
 T +33(0)450439630  
[fds@lamplan.fr](mailto:fds@lamplan.fr), [www.lamplan.com](http://www.lamplan.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2 H225  
 Acute toxicity (oral), Category 4 H302  
 Serious eye damage/eye irritation, Category 2 H319  
 Specific target organ toxicity – Single exposure, Category 3, H336  
 Narcosis  
 Specific target organ toxicity – Repeated exposure, Category 2 H373  
 Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Harmful if swallowed. Causes serious eye irritation.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

GHS08

Signal word (CLP) :

Danger

Contains :

propan-2-ol; isopropyl alcohol; isopropanol; butanone; ethyl methyl ketone; ethanediol; ethylene glycol

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour.  
 H302 - Harmful if swallowed.

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Precautionary statements (CLP)	H319 - Causes serious eye irritation.
	H336 - May cause drowsiness or dizziness.
	H373 - May cause damage to organs through prolonged or repeated exposure.
	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264 - Wash hands, forearms and face thoroughly after handling.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P312 - Call a POISON CENTRE or doctor if you feel unwell.	
P314 - Get medical advice/attention if you feel unwell.	
P337+P313 - If eye irritation persists: Get medical advice/attention.	

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	ethanol; ethyl alcohol (64-17-5), propan-2-ol; isopropyl alcohol; isopropanol (67-63-0), butanone; ethyl methyl ketone (78-93-3)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	ethanol; ethyl alcohol (64-17-5), propan-2-ol; isopropyl alcohol; isopropanol (67-63-0), butanone; ethyl methyl ketone (78-93-3)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanol; ethyl alcohol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	47.3 – 75.68	Flam. Liq. 2, H225 Eye Irrit. 2, H319
propan-2-ol; isopropyl alcohol; isopropanol	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0	11.35 – 22.16	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
ethanediol; ethylene glycol substance with a Community workplace exposure limit	CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1	10 – 20	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
butanone; ethyl methyl ketone	CAS-No.: 78-93-3 EC-No.: 201-159-0 EC Index-No.: 606-002-00-3	1.35 – 2.16	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
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#### For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### National occupational exposure and biological limit values

ethanediol; ethylene glycol (107-21-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Ethylene glycol
IOEL TWA	52 mg/m <sup>3</sup>
	20 ppm
IOEL STEL	104 mg/m <sup>3</sup>
	40 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

#### 8.2. Exposure controls

##### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

##### Personal protective equipment symbol(s):



##### Eye and face protection

##### Eye protection:

Safety glasses

##### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves, Reusable gloves	Nitrile rubber (NBR)		0.2 mm		
Disposable gloves, Reusable gloves	Butyl rubber		0.3 mm		

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Blue.
Appearance	: Liquid.
Odour	: Alcohol.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: 78 °C
Flammability	: Not applicable
Lower explosion limit	: 2 vol %
Upper explosion limit	: 19 vol %
Flash point	: 12 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7
Viscosity, kinematic	: Not available
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Lubricant 704

ATE CLP (oral)	500 mg/kg bodyweight
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#### ethanol; ethyl alcohol (64-17-5)

LD50 oral rat	> 5000 mg/kg
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LC50 Inhalation - Rat (Vapours)	124.7 mg/l/4h
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#### butanone; ethyl methyl ketone (78-93-3)

LD50 oral rat	3.4 mg/kg
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LD50 dermal rabbit	> 8 mg/kg
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#### ethanediol; ethylene glycol (107-21-1)

LD50 oral rat	7712 mg/kg
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LD50 dermal	> 3500 mg/kg
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LC50 Inhalation - Rat	> 2.5 mg/l
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Skin corrosion/irritation : Not classified  
pH: 7

#### ethanol; ethyl alcohol (64-17-5)

pH	7
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#### ethanediol; ethylene glycol (107-21-1)

pH	5.5 – 7.5
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Serious eye damage/irritation : Causes serious eye irritation.  
pH: 7

#### ethanol; ethyl alcohol (64-17-5)

pH	7
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#### ethanediol; ethylene glycol (107-21-1)

pH	5.5 – 7.5
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Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>ethanol; ethyl alcohol (64-17-5)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	4250 mg/kg bodyweight Mouse
Reproductive toxicity	: Not classified
<b>ethanol; ethyl alcohol (64-17-5)</b>	
NOAEL (animal/female, F0/P)	20007 mg/kg Mouse
STOT-single exposure	: May cause drowsiness or dizziness.
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>butanone; ethyl methyl ketone (78-93-3)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>ethanediol; ethylene glycol (107-21-1)</b>	
NOAEL (oral, rat)	200 mg/kg bodyweight
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
<b>ethanol; ethyl alcohol (64-17-5)</b>	
NOAEL (oral, rat, 28 days)	2400 mg/kg bodyweight/day Toxicology and Applied Pharmacology. Vol. 16, Pg. 718
<b>ethanediol; ethylene glycol (107-21-1)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
<b>ethanol; ethyl alcohol (64-17-5)</b>	
Viscosity, kinematic	1513240.858 – 1518987.342 mm <sup>2</sup> /s
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
Viscosity, kinematic	2.799 mm <sup>2</sup> /s
<b>butanone; ethyl methyl ketone (78-93-3)</b>	
Viscosity, kinematic	0.497 mm <sup>2</sup> /s
<b>ethanediol; ethylene glycol (107-21-1)</b>	
Viscosity, kinematic	18867.925 mm <sup>2</sup> /s

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

<b>ethanol; ethyl alcohol (64-17-5)</b>	
LC50 - Fish [1]	14200 mg/l Pimephales promelas
EC50 - Crustacea [1]	5012 mg/l

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>ethanol; ethyl alcohol (64-17-5)</b>	
ErC50 algae	275 mg/l <i>Chlorella vulgaris</i>
<b>butanone; ethyl methyl ketone (78-93-3)</b>	
LC50 - Fish [1]	3.22 mg/l <i>Pimephales promelas</i>
EC50 - Crustacea [1]	5.091 mg/l <i>Daphnia magna</i>
<b>ethanediol; ethylene glycol (107-21-1)</b>	
LC50 - Fish [1]	8.05 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	6000 – 13000 mg/l
NOEC chronic fish	15380 mg/l
NOEC chronic crustacea	8590 mg/l

### 12.2. Persistence and degradability

<b>Lubricant 704</b>	
Persistence and degradability	Rapidly degradable
<b>ethanol; ethyl alcohol (64-17-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	94 % OECD 301E
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	95 %
<b>butanone; ethyl methyl ketone (78-93-3)</b>	
Persistence and degradability	Readily biodegradable.
<b>ethanediol; ethylene glycol (107-21-1)</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

<b>ethanol; ethyl alcohol (64-17-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-0.31
<b>propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.05
<b>butanone; ethyl methyl ketone (78-93-3)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.29
<b>ethanediol; ethylene glycol (107-21-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.93

### 12.4. Mobility in soil

No additional information available

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 12.5. Results of PBT and vPvB assessment

#### Lubricant 704

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	ethanol; ethyl alcohol (64-17-5), propan-2-ol; isopropyl alcohol; isopropanol (67-63-0), butanone; ethyl methyl ketone (78-93-3)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	ethanol; ethyl alcohol (64-17-5), propan-2-ol; isopropyl alcohol; isopropanol (67-63-0), butanone; ethyl methyl ketone (78-93-3)

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Flammable vapours may accumulate in the container.
European List of Waste (LoW, EC 2000/532)	: 16 05 08* - discarded organic chemicals consisting of or containing dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

UN-No. (ADR)	: UN 1987
UN-No. (IMDG)	: UN 1987
UN-No. (IATA)	: UN 1987
UN-No. (ADN)	: UN 1987
UN-No. (RID)	: UN 1987

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol)
Proper Shipping Name (IMDG)	: ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol)
Proper Shipping Name (IATA)	: Alcohols, n.o.s. (containing ethanol and propan-2-ol)
Proper Shipping Name (ADN)	: ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol)
Proper Shipping Name (RID)	: ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol)
Transport document description (ADR) (ADR)	: UN 1987 ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol), 3, II, (D/E)
Transport document description (IMDG)	: UN 1987 ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol), 3, II
Transport document description (IATA)	: UN 1987 Alcohols, n.o.s. (containing ethanol and propan-2-ol), 3, II
Transport document description (ADN)	: UN 1987 ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol), 3, II
Transport document description (RID)	: UN 1987 ALCOHOLS, N.O.S. (containing ethanol and propan-2-ol), 3, II

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: 3
Danger labels (ADR)	: 3

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878



### IMDG

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3



### IATA

Transport hazard class(es) (IATA) : 3  
Danger labels (IATA) : 3



### ADN

Transport hazard class(es) (ADN) : 3  
Danger labels (ADN) : 3



### RID

Transport hazard class(es) (RID) : 3  
Danger labels (RID) : 3



## 14.4. Packing group

Packing group (ADR) : II  
Packing group (IMDG) : II  
Packing group (IATA) : II  
Packing group (ADN) : II  
Packing group (RID) : II

## 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D  
Other information : No supplementary information available

## 14.6. Special precautions for user

### Overland transport

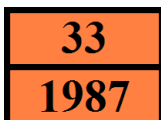
Classification code (ADR) : F1  
Special provisions (ADR) : 274, 601, 640C  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P001

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T7  
Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28  
Tank code (ADR) : L1.5BN  
Vehicle for tank carriage : FL  
Transport category (ADR) : 2  
Special provisions for carriage - Operation (ADR) : S2, S20  
Hazard identification number (Kemler No.) : 33  
Orange plates :



Tunnel restriction code (ADR) : D/E

### Transport by sea

Special provisions (IMDG) : 274  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T7  
Tank special provisions (IMDG) : TP1, TP8, TP28  
Stowage category (IMDG) : B

### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3, A180  
ERG code (IATA) : 3L

### Inland waterway transport

Classification code (ADN) : F1  
Special provisions (ADN) : 274, 601, 640C  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EX, A  
Ventilation (ADN) : VE01  
Number of blue cones/lights (ADN) : 1

### Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 274, 601, 640C  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T7  
Portable tank and bulk container special provisions (RID) : TP1, TP8, TP28  
Tank codes for RID tanks (RID) : L1.5BN  
Transport category (RID) : 2  
Colis express (express parcels) (RID) : CE7  
Hazard identification number (RID) : 33

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (EC 273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Methylethylketone	Butanone	78-93-3	2914 12 00	Category 3		Annex I

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Comments
	Supersedes version of	<b>Modified</b>
	Revision date	<b>Modified</b>
2.2	Precautionary statements (CLP)	<b>Modified</b>
9	pH	<b>Added</b>

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
OECD	Organisation for Economic Co-operation and Development
NOEC	No-Observed Effect Concentration
vPvB	Very Persistent and Very Bioaccumulative
TLM	Median Tolerance Limit
STP	Sewage treatment plant
SDS	Safety Data Sheet
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

# Lubricant 704

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.