

# SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation Dry Moly Lube

of the mixture

Registration number

**Synonyms** None

UDS000419AF **Product code** 10-November-2022 Issue date

1 0 Version number

10-November-2022 **Revision date** 

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

**Identified uses** Lubricants Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe by Company name

**Address** Touwslagerstraat 1

> 9240 Zele Belgium

Telephone +32(0)52/45.60.11 +32(0)52/45.00.34 Fax E-mail hse@crcind.com www.crcind.com Website

1.4. Emergency telephone Tel.: +32(0)52/45.60.11 (office hours: 9-17h CET)

number

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

## Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards

Aerosols Category 1 H222 - Extremely flammable

aerosol.

H229 - Pressurized container: May

burst if heated.

**Health hazards** 

Serious eye damage/eye irritation Category 2 H319 - Causes serious eye

irritation.

H336 - May cause drowsiness or Specific target organ toxicity - single Category 3 narcotic effects exposure

dizziness.

# 2.2. Label elements

# Label according to Regulation (EC) No. 1272/2008 as amended

acetone; propan-2-one; propanone, butanone; ethyl methyl ketone Contains:

**Hazard pictograms** 



Signal word Danger

**Hazard statements** 

Extremely flammable aerosol. H222

Pressurized container: May burst if heated. H229

Causes serious eye irritation. H319 May cause drowsiness or dizziness. H336

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SDS GREAT BRITAIN

## **Precautionary statements**

#### Prevention

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing mist/vapours.

P271 Use only outdoors or in a well-ventilated area.

Response Not assigned.

Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or

Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures

#### **General information**

Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
acetone; propan-2-one; propanone	10 - 30	67-64-1 200-662-2	01-2119471330-49	606-001-00-8	#
Classification	: Flam. Liq.	2;H225, Eye Irrit. 2;H	319, STOT SE 3;H336		
butanone; ethyl methyl ketone	1 - 10	78-93-3 201-159-0	01-2119457290-43	606-002-00-3	#
Classification	: Flam. Liq.	2;H225, Eye Irrit. 2;H	319, STOT SE 3;H336		
xylene	1 - 10	1330-20-7 215-535-7	-	601-022-00-9	#
Classification	Flam. Liq. 2;H315	3;H226, Acute Tox. 4	;H312, Acute Tox. 4;H332,	Skin Irrit.	

## List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

ATE: Acute toxicity estimate.

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments The full text for all H-statements is displayed in section 16.

# **SECTION 4: First aid measures**

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

protect themselves.

4.1. Description of first aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison

centre or doctor/physician if you feel unwell.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

present and easy to do. Continue mising, if eye initiation persists. Get medical advice/attention

**In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.** 

4.2. Most important symptoms and effects, both acute and

delayed

May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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

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

# **SECTION 5: Firefighting measures**

General fire hazards Extremely flammable aerosol.

Material name: Dry Moly Lube - Manufacturers SDS GREAT BRITAIN

5.1. Extinguishing media

Suitable extinguishing

media

Alcohol resistant foam. Powder. Carbon dioxide (CO2).

Unsuitable extinguishing

media

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

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

Special fire fighting

procedures

Move containers from fire area if you can do so without risk. Containers should be cooled with

water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. In the Specific methods event of fire and/or explosion do not breathe fumes.

## **SECTION 6: Accidental release measures**

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

For non-emergency personnel

Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Keep unnecessary personnel away. Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. The product is immiscible with water and will spread on the water surface. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Pressurised 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist/vapours. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. 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 tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

Not available. 7.3. Specific end use(s)

#### **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

# Occupational exposure limits

#### **UK. EH40 Workplace Exposure Limits (WELs)**

Components	Туре	Value	
acetone; propan-2-one; propanone (CAS 67-64-1)	STEL	3620 mg/m3	
		1500 ppm	
	TWA	1210 mg/m3	
		500 ppm	
butanone; ethyl methyl ketone (CAS 78-93-3)	STEL	899 mg/m3	

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UK. EH40 Workplace Expo Components	•	Туре		Va	lue	
-				30	0 ppm	
		TWA			0 mg/m3	
					0 ppm	
vulana (CAS 1220 20 7)		CTEI			• •	
xylene (CAS 1330-20-7)		STEL			1 mg/m3	
					0 ppm	
		TWA		22	0 mg/m3	
				50	ppm	
logical limit values						
UK. EH40 Biological Monit	toring Guidance \	Values (B	MGVs)			
Components	Value	De	terminant	Specimen	Sampling	g Time
butanone; ethyl methyl ketone (CAS 78-93-3)	70 umol/l	Bu	tan-2-one	Urine	*	
xylene (CAS 1330-20-7)	650 mmol/mol	Me aci	ethyl hippuric id	Creatinine in urine	*	
* - For sampling details, plea	ase see the source	e documer	nt.			
commended monitoring	Follow standa	rd monitor	ing procedures.			
cedures						
rived no effect levels (DNEL	_s)					
General population						
Components		Value		Assessm	ent factor	Notes
acetone; propan-2-one; prop	panone (CAS 67-6	64-1)				
Long-term, Systemic, D			g bw/day	20		
Long-term, Systemic, Ir		200 mg/i		5		
Long-term, Systemic, O		62 mg/kg	g bw/day	2		
butanone; ethyl methyl ketor	, ,	"				
Long-term, Systemic, Dermal Long-term, Systemic, Inhalation		412 mg/l 106 mg/l	kg bw/day m3	2 2		Repeated dose toxicity Repeated dose toxicity
<u>Workers</u>						
Components		Value		Assessm	ent factor	Notes
acetone; propan-2-one; prop	panone (CAS 67-6	64-1)				
Long-term, Systemic, D			kg bw/day			
Long-term, Systemic, Ir Short-term, Local, Inhal		1210 mg				
•		2420 mg	J/1113			
butanone; ethyl methyl ketor	, ,	1161	alka builday	4		Repeated dose toxicity
Long-term, Systemic, Dermal Long-term, Systemic, Inhalation		1161 mg/kg bw/day 600 mg/m3		1		
Long-term, Systemic In		600 ma/i	m3	1		Repeated dose toxicity
-	nhalation	600 mg/ı	m3			Repeated dose toxicity
dicted no effect concentrat	nhalation	· ·	m3	1	ent factor	•
dicted no effect concentrat	nhalation tions (PNECs)	Value	m3 	1	ent factor	Repeated dose toxicity  Notes
components acetone; propan-2-one; prop	nhalation tions (PNECs)	<b>Value</b> 64-1)		1 Assessm	ent factor	•
dicted no effect concentrat	nhalation tions (PNECs)	Value	л	1	ent factor	•
components  acetone; propan-2-one; prop  Freshwater Marine water Sediment (freshwater)	nhalation tions (PNECs) panone (CAS 67-6	Value 64-1) 10.6 mg/ 1.06 mg/ 30.4 mg/	/I /I /kg	1 <b>Assessm</b>	ent factor	·
components  acetone; propan-2-one; prop  Freshwater  Marine water  Sediment (freshwater)  Sediment (marine water)	nhalation tions (PNECs) panone (CAS 67-6	Value 64-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/	/I /I /kg /kg	1 <b>Assessm</b>	ent factor	·
components acetone; propan-2-one; prop Freshwater Marine water Sediment (freshwater) Sediment (marine water) Soil	nhalation tions (PNECs) panone (CAS 67-6	Value 64-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 29.5 mg/	/I /I /kg /kg /kg	1 <b>Assessm</b> 50 500	ent factor	·
components acetone; propan-2-one; prop Freshwater Marine water Sediment (freshwater) Sediment (marine water Soil STP	nhalation tions (PNECs) panone (CAS 67-6	Value 64-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/	/I /I /kg /kg /kg	1 <b>Assessm</b>	ent factor	·
Components acetone; propan-2-one; prop Freshwater Marine water Sediment (freshwater) Sediment (marine water Soil STP butanone; ethyl methyl ketor	nhalation tions (PNECs) panone (CAS 67-6	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 29.5 mg/ 100 mg/l	/I /I /kg /kg /kg I	1 Assessm 50 500	ent factor	·
components  acetone; propan-2-one; prop Freshwater Marine water Sediment (freshwater) Sediment (marine water Soil STP  butanone; ethyl methyl ketor Freshwater	nhalation tions (PNECs) panone (CAS 67-6	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 100 mg/l	/I /I /kg /kg /kg I	1  Assessm  50 500  10	ent factor	Notes
components  acetone; propan-2-one; propartices acetone; propan-2-one; propartices acetone; pr	nhalation tions (PNECs) panone (CAS 67-6	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 100 mg/l 55.8 mg/ 1000 mg	/I /I /kg /kg /kg I	1 Assessm 50 500	ent factor	
components  acetone; propan-2-one; prop Freshwater Marine water Sediment (freshwater) Sediment (marine water Soil STP  butanone; ethyl methyl ketor Freshwater	nhalation tions (PNECs) panone (CAS 67-6	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 100 mg/l	/I /I /kg /kg   I /I g/kg	1  Assessm  50 500  10	ent factor	Notes
components  acetone; propan-2-one; propartices acetone; propan-2-one; propartices acetone; propan-2-one; propartices acetone; propartic	nhalation tions (PNECs) panone (CAS 67-6	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 29.5 mg/ 100 mg/l 55.8 mg/ 1000 mg/ 284.74 n	/I /I /kg /kg   I /I g/kg	1  Assessm 50 500 10 1 30	ent factor	Notes
components  acetone; propan-2-one; propartice  Freshwater  Marine water  Sediment (freshwater)  Sediment (marine water)  Soil  STP  butanone; ethyl methyl ketor  Freshwater  Secondary poisoning  Sediment (freshwater)  Soil  Soosure guidelines	nhalation tions (PNECs) panone (CAS 67-6	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 3.04 mg/ 29.5 mg/ 100 mg/l 55.8 mg/ 1000 mg/ 284.74 n	/I /I /kg /kg   I /I g/kg	1  Assessm 50 500 10 1 30	ent factor	Notes
components  acetone; propan-2-one; propartice  Freshwater  Marine water  Sediment (freshwater)  Sediment (marine water)  Soil  STP  butanone; ethyl methyl ketor  Freshwater  Secondary poisoning  Sediment (freshwater)  Soil  Oosure guidelines  UK EH40 WEL: Skin desig	nhalation tions (PNECs) panone (CAS 67-6 r) ne (CAS 78-93-3)	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 29.5 mg/ 100 mg/l 55.8 mg/ 1000 mg 284.74 n 22.5 mg/	/I /kg /kg /kg I /I g/kg ng/kg	1  Assessm 50 500 10 1 1 30 1		Notes
components  acetone; propan-2-one; propartice  Freshwater  Marine water  Sediment (freshwater)  Sediment (marine water)  Soil  STP  butanone; ethyl methyl ketor  Freshwater  Secondary poisoning  Sediment (freshwater)  Soil  Soosure guidelines	nhalation tions (PNECs)  panone (CAS 67-6  r)  ne (CAS 78-93-3)  nation ketone (CAS 78-9	Value 34-1) 10.6 mg/ 1.06 mg/ 30.4 mg/ 29.5 mg/ 100 mg/l 55.8 mg/ 1000 mg 284.74 n 22.5 mg/	/I /kg /kg /kg I /I g/kg ng/kg /kg	1  Assessm 50 500 10 1 30	gh the skin.	Notes

Material name: Dry Moly Lube - Manufacturers

Appropriate engineering

controls

Good general ventilation 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. Provide eyewash station.

Individual protection measures, such as personal protective equipment

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166.

Skin protection

- Hand protection When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough

time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Butyl rubber gloves are

recommended. Suitable gloves can be recommended by the glove supplier.

- Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with

organic vapour cartridge and full facepiece. (Filter type AX)

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

Hygiene measures 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.

**Environmental exposure** 

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to

acceptable levels.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

**Appearance** 

Physical stateLiquid.FormAerosol.ColourBlack.

Odour Characteristic odor.

Odour threshold Not available.

pH Not applicable.

Melting point/freezing point Not available.

Initial boiling point and boiling

range

56 °C (132.8 °F)

Flash point -18.0 °C (-0.4 °F)

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits
Explosive limit - lower (%) 1.8 %

Explosive limit – upper 13

13 %

(%)

Vapour pressureNot available.Vapour densityNot available.Relative density0.84 g/cm3 20 °C

Solubility(ies)

Solubility (water) Insoluble in water

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature515 °C (959 °F)Decomposition temperatureNot available.ViscosityNot available.Explosive propertiesNot explosive.Oxidising propertiesNot oxidising.

9.2. Other information

**VOC** 609 g/l

Material name: Dry Moly Lube - Manufacturers SDS GREAT BRITAIN

# **SECTION 10: Stability and reactivity**

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

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials Acids. Strong oxidising agents. Amines. Ammonia. Caustics. Isocyanates.

Carbon oxides. 10.6. Hazardous

decomposition products

# **SECTION 11: Toxicological information**

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be

harmful.

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

Causes serious eye irritation. Eye contact

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

#### 11.1. Information on toxicological effects

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

**Product** Species **Test Results** 

Dry Moly Lube

Acute

Dermal

21996.5 mg/kg bw **ATEmix** 

**Test Results** Components **Species** 

acetone; propan-2-one; propanone (CAS 67-64-1)

**Acute** 

Dermal

LD50 Rat 15800 mg/kg

Inhalation

Rat LC50 50.1 ma/l. 8 Hours

Oral

LD50 Rat 5800 mg/kg

butanone; ethyl methyl ketone (CAS 78-93-3)

**Acute** Dermal

LD50

Rabbit > 8000 mg/kg

Oral

LD50 Rat 2300 - 3500 mg/kg

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye

irritation

Causes serious eve irritation.

Based on available data, the classification criteria are not met. Respiratory sensitisation Based on available data, the classification criteria are not met. Skin sensitisation Based on available data, the classification criteria are not met. Germ cell mutagenicity Carcinogenicity Risk of cancer cannot be excluded with prolonged exposure.

## IARC Monographs. Overall Evaluation of Carcinogenicity

xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

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

Specific target organ toxicity -May cause drowsiness or dizziness.

single exposure

Material name: Dry Moly Lube - Manufacturers UDS000419AE Version #: 1.0 Revision date: 10-November-2022 Issue date: 10-November-2022 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.

Mixture versus substance information

Not available.

# **SECTION 12: Ecological information**

The product is not classified as environmentally hazardous. However, this does not exclude the 12.1. Toxicity

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and

degradability

No data is available on the degradability of any ingredients in the mixture.

#### 12.3. Bioaccumulative potential

**Partition coefficient** n-octanol/water (log Kow)

> acetone; propan-2-one; propanone -0.24butanone; ethyl methyl ketone 0.29

**Bioconcentration factor (BCF)** Not available. 12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB

assessment

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII.

12.6. Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

> potential. GWP: 2

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

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. Do not re-use empty containers.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance

with local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

# **SECTION 14: Transport information**

## **ADR**

UN1950 14.1. UN number

14.2. UN proper shipping AEROSOLS, flammable

name

14.3. Transport hazard class(es)

2.1 Subsidiary risk 2.1 Label(s)

Hazard No. (ADR) Not assigned.

**Tunnel restriction code** ADR/RID - Classification 5F

code:

Not assigned. 14.4. Packing group

14.5. Environmental hazards No

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

for user

RID

14.1. UN number UN1950

14.2. UN proper shipping AEROSOLS, flammable

name

14.3. Transport hazard class(es)

2.1 Subsidiary risk Label(s)

Material name: Dry Moly Lube - Manufacturers

14.4. Packing group Not assigned.

14.5. Environmental hazards No

**14.6. Special precautions** Read safety instructions, SDS and emergency procedures before handling.

for user

ADN

**14.1. UN number** UN1950

14.2. UN proper shipping AEROSOLS, flammable

name

14.3. Transport hazard class(es)
Class 2.1
Subsidiary risk Label(s) 2.1

14.4. Packing group Not assigned.

14.5. Environmental hazards No

**14.6. Special precautions** Read safety instructions, SDS and emergency procedures before handling.

for user

**IATA** 

**14.1. UN number** UN1950

**14.2. UN proper shipping** Aerosols, flammable

name

14.3. Transport hazard class(es)

Class 2.1 Subsidiary risk -

14.4. Packing group Not assigned.

**14.5. Environmental hazards** No **ERG Code** 10L

14.6. Special precautions

for user

Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

and cargo Allowed with restrictions.

Not established.

aircraft

Cargo aircraft only Allowed with restrictions.

**IMDG** 

**14.1. UN number** UN1950

14.2. UN proper shipping Aerosols, flammable

name

14.3. Transport hazard class(es)

Class 2.1 Subsidiary risk -

14.4. Packing group Not assigned.

14.5. Environmental hazards

Marine pollutant No EmS F-D, S-U

14.6. Special precautions

for user

Read safety instructions, SDS and emergency procedures before handling.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC

Code

ADN; ADR; IATA; IMDG; RID



# **SECTION 15: Regulatory information**

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

acetone; propan-2-one; propanone (CAS 67-64-1) xylene (CAS 1330-20-7)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

#### **Authorisations**

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

#### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

acetone; propan-2-one; propanone (CAS 67-64-1) butanone; ethyl methyl ketone (CAS 78-93-3) xylene (CAS 1330-20-7)

#### Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

acetone; propan-2-one; propanone (CAS 67-64-1) butanone; ethyl methyl ketone (CAS 78-93-3) xylene (CAS 1330-20-7)

#### Other regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

#### **SECTION 16: Other information**

#### List of abbreviations

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. ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert - Germany).

ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).

CAS: Chemical Abstract Service.

Ceiling: Short Term Exposure Limit Ceiling value.

CEN: European Committee for Standardization.

CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

GWP: Global Warming Potential.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MAC: Maximum Allowed Concentration.

MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).

RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit. TLV: Threshold Limit Value.

TWA: Time Weighted Average.

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VLE: Exposure Limit Value. VME: Exposure Average Value. VOC: Volatile organic compounds.

vPvB: Very persistent and very bioaccumulative.

STEL: Short-term Exposure Limit.

Not available.

References

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements, which are not written out in full under sections 2 to 15

H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

**Revision information** 

**Training information** 

Follow training instructions when handling this material.

Disclaimer

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Material name: Dry Moly Lube - Manufacturers

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