SAFETY DATA SHEET



ELEVEXX 2024 AO-S

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

1.1 Product identifier

Product name : ELEVEXX 2024 AO-S

EC number : 300-202-1

REACH Registration number

Registration number

1-2119485290-39-0012 01-2119485290-39-0013

CAS number : 93924-10-8

Product description : Olefin

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

Intended Use : Chemical Intermediate

Identified uses

Formulation and (re)packing of substances and mixtures

Functional fluids - Consumer Functional fluids - Industrial Functional fluids - Professional

Lubricants - Consumer Lubricants - Industrial Lubricants - Professional Use as a fuel - Consumer Use as a fuel - Industrial

Use as a fuel - Professional Use as an intermediate

Use in metal working fluids/rolling oils - Industrial Use in metal working fluids/rolling oils - Professional

Use in oil and gas field drilling and production operations - Industrial Use in oil and gas field drilling and production operations - Professional

Use in polymer production - Industrial

Uses advised against

Not applicable.

1.3 Details of the supplier of the safety data sheet

Supplier : ExxonMobil Petroleum & Chemical BV

POLDERDIJKWEG Antwerpen B-2030 Belgium

Supplier General Contact : + 32 2 239 3111

e-mail address of person responsible for this SDS

: SDS-CC@exxonmobil.com

SDS Internet Address : www.sds.exxonmobil.com

National contact

ExxonMobil Chemical Ltd.

MAILPOINT 14 MARSH LANE FAWLEY, SOUTHAMPTON

SO45 1TX HAMPSHIRE

Great Britain

+44 (0)23-8089-3822

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

1.4 Emergency telephone number

National advisory body/ : (UK) 111

Poison Centre

24 Hour Emergency : +44 20 3807 3798 / +1-703-527-3887 (CHEMTREC)

Telephone

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : UVCB

<u>Classification according to UK CLP/GHS</u>

Asp. Tox. 1, H304

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word : Danger

Hazard statements : H304 - May be fatal if swallowed and enters airways.

Precautionary statements

Prevention : Not applicable.

Response : P301 + P331, P310 - IF SWALLOWED: Do NOT induce vomiting. Immediately call

a POISON CENTER or doctor.

Storage : P405 - Store locked up.

Disposal : P501 - Dispose of contents and container in accordance with all local, regional,

national and international regulations.

Hazardous ingredients : alkenes, c20-24 alpha

Supplemental label

elements

: Not applicable.

Annex XVII - Restrictions : 3 on the manufacture,

placing on the market and use of certain dangerous substances, mixtures and

articles

Special packaging requirements

Containers to be fitted with child-resistant

fastenings

: Not applicable.

Tactile warning of danger : Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

PBT	Р	В	Т	vPvB	vP	vB	
No	N/A	N/A	No	N/A	N/A	N/A	

SECTION 2: Hazards identification

Other hazards which do not result in classification

: None known.

Nota

: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 3: Composition/information on ingredients

3.1 Substances : UVCB

Product/ingredient name	Identifiers	%	Classification	Туре
alkenes, c20-24 alpha	REACH #: 01-2119485290-39 EC: 300-202-1 CAS: 93924-10-8	100	Asp. Tox. 1, H304	[1]
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[1] Constituent

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. For hot product: Immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders

: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact : No specific data.

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SECTION 4: First aid measures

Inhalation : No specific data. **Skin contact** : No specific data.

Ingestion : Adverse symptoms may include the following:

nausea or vomiting

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : If ingested, material may be aspirated into the lungs and cause chemical

pneumonitis. Treat appropriately.

: No specific treatment. **Specific treatments**

See toxicological information (Section 11)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing

: Use dry chemical, CO2, water spray (fog) or foam.

media

Unsuitable extinguishing

media

: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising

from the chemical

Hazardous combustion

products

: No specific fire or explosion hazard.

: Incomplete combustion products, Oxides of carbon, Smoke, Fume

5.3 Advice for firefighters

Special protective actions

for fire-fighters

: Use standard firefighting procedures and consider the hazards of other involved materials. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Assure an extended cooling down period to prevent reignition. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

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SECTION 6: Accidental release measures

Small spill

Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

: Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Confine the spill immediately with booms. Skim from surface Warn other shipping. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

6.4 Reference to other sections

: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures

: Thermal burn hazard - contact with hot material may cause thermal burns. Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Static Accumulator Loading/Unloading **Temperature**

: This material is a static accumulator.

46 °C

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

: Ambient **Storage Temperature** : Ambient **Storage Pressure**

7.3 Specific end use(s)

Recommendations : Not available. **Industrial sector specific** : Not available.

solutions

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
alkenes, c20-24 alpha	ExxonMobil (COMPANY) TWA 8 hours: 350 mg/m³.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

procedures

Recommended monitoring: Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres -Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Not available.

PNECs

Not available.

8.2 Exposure controls

Appropriate engineering controls

Environmental exposure controls

- : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Face shield.

Skin protection **Hand protection**

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. If product is hot, thermally protective, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): Viton, minimum 0.71 mm thickness or comparable protective barrier material

CEN standards EN 420 and EN 374 provide general requirements and lists of glove types.

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SECTION 8: Exposure controls/personal protection

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. If product is hot, thermally protective, chemical resistant apron and long sleeves are recommended.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: organic vapour filter (Type A)

European Committee for Standardization (CEN) standards EN 136, 140 and 405 provide respirator masks and EN 149 and 143 provide filter recommendations.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9. Physical and chemical properties and safety characteristics

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Flash point

Physical state : Solid. [White]
Colour : Colourless

Odour : Petroleum/Solvent
Odour threshold : Not available.
pH : Not applicable.

Melting point/freezing point : 30°C (86°F) [In-house method ,]

Boiling point or initial boiling : 342°C (647.6°F) [In-house method ,]

point and boiling range

: Open cup: 175°C (347°F) [ASTM D-92]

Evaporation rate : Not available.
Flammability : Ignitable

Lower and upper explosive

(flammable) limits

: Not applicable.

Vapour pressure : Not available.

Relative vapour density : >1 [Air = 1] [Estimated]
Relative density : 0.8 [ASTM D4052]

Solubility in water : Negligible

Partition coefficient: n-octanol/ : Not applicable.

water

Auto-ignition temperature: Not applicable.Decomposition temperature: Not available.Viscosity: Not available.

Particle characteristics

Median particle size : Not available.

Hygroscopic : No

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SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : Excessive heat.

10.5 Incompatible materials : Strong oxidisers

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 toxicological effects

Acute toxicity

Product/ingredient name	Result	
alkenes, c20-24 alpha	Rat - Oral - LD50 >5000 mg/kg	
	Rabbit - Dermal - LD50 >2000 mg/kg	
	Rat - Inhalation - LC50 Vapour >20 mg/l [4 hours]	

Conclusion/Summary

Inhalation

: Minimally Toxic. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403

Dermal

: Minimally Toxic. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402

Oral

: Minimally Toxic. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 420

Acute toxicity estimates

N/A

<u>Irritation/Corrosion</u>

Conclusion/Summary

Skin

: Negligible irritation to skin at ambient temperatures. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404

Eyes

: May cause mild, short-lasting discomfort to eyes. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD

Respiratory

 Negligible hazard at ambient/normal handling temperatures. No end point data for material.

Respiratory or skin sensitization

Conclusion/Summary

Skin

: Not expected to be a skin sensitizer. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406

Respiratory

Mutagenicity

: Not expected to be a respiratory sensitizer. No end point data for material.

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SECTION 11: Toxicological information

Conclusion/Summary

: Not expected to be a germ cell mutagen. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 473 474 476

Carcinogenicity

Conclusion/Summary

: Not expected to cause cancer. No end point data for material.

Reproductive toxicity

Conclusion/Summary

: Not expected to be a reproductive toxicant. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422

Specific target organ toxicity (single exposure)

Conclusion/Summary

 Not expected to cause organ damage from a single exposure. No end point data for material.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Target organs
alkenes, c20-24 alpha	Not applicable.	-

Conclusion/Summary

: Not expected to cause organ damage from prolonged or repeated exposure. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413

Aspiration hazard

Product/ingredient name	Result	
alkenes, c20-24 alpha	Category 1	

Conclusion/Summary

: May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material. No end point data for material.

Information on likely routes of exposure

: Not available.

Other information

Product

Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Vapour concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

Section 12. Ecological information

The information given is based on data for the material, components of the material, or for similar materials, through the application of bridging principals.

12.1 Toxicity

Conclusion/Summary

Acute toxicity : Not expected to be harmful to aquatic organisms.

Chronic toxicity : Not expected to demonstrate chronic toxicity to aquatic organisms

12.2 Persistence and degradability

Not determined.

12.3 Bioaccumulative potential

Not determined.

12.4 Mobility in soil

Not determined.

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Section 12. Ecological information

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

12.6 Other adverse effects

Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal

: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

: The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal

: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Special precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-

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ELEVEXX 2024 AO-S						
SECTION 14: Transport information						
14.5 Environmental hazards	No.	No.	No.	No.		

14.6 Special precautions for

user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments

Proper shipping name

Remarks

: DLEFINS (C13+, ALL ISOMERS)

: Liquid bulk cargoes:

Ship type: 2

Pollution category: Y

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture UK (GB)/REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

Annex XVII - Restrictions : 3 on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Air

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Water

Inventory list

Australia inventory (AllC)

Canada inventory (DSL-NDSL)

China inventory (IECSC)

Japan inventory (CSCL)

China inventory (CSCL)

All components are listed or exempted.

Health Act)

leaith Act)

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SECTION 15: Regulatory information

New Zealand Inventory of Chemicals

(NZIoC)

: All components are listed or exempted.

Philippines inventory (PICCS) : All components are listed or exempted.

Korea inventory (KECI) : All components are listed or exempted.

Taiwan Chemical Substances Inventory

(TCSI)

: All components are listed or exempted.

United States inventory (TSCA 8b) : All components are active or exempted.

15.2 Chemical safety

: This product contains substances for which Chemical Safety Assessments are still

assessment required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate

GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and

Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019

No. 720 and amendments

DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level

EUH statement = GB CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification	
Asp. Tox. 1, H304	Calculation method	

Full text of abbreviated H statements

H304 May be fatal if swallowed and enters airways.

Full text of classifications

Asp. Tox. 1 ASPIRATION HAZARD - Category 1

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revision

Date of previous issue : 23 May 2025

Version : 3

Product code : 1291496_13796036

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Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Formulation and (re)packing of substances and mixtures

List of use descriptors : Identified use name: Formulation and (re)packing of substances and mixtures Process Category: PROC01, PROC02, PROC03, PROC04, PROC05, PROC08a,

PROC08b, PROC09, PROC14, PROC15

Sector of end use: SU03, SU10

Subsequent service life relevant for that use: No.

Environmental Release Category: ERC02

Environmental contributing: General exposures - ERC02

scenarios

scenarios

: General measures applicable to all activities - PROC01, PROC02, PROC03, **Health Contributing**

PROC04, PROC05, PROC08a, PROC08b, PROC09, PROC14, PROC15

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Functional fluids - Industrial

List of use descriptors

: Identified use name: Functional fluids - Industrial

Process Category: PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b,

PROC09

Sector of end use: SU03

Subsequent service life relevant for that use: No.

Environmental Release Category: ERC07

Environmental contributing: General exposures - ERC07

scenarios

Health Contributing : General measures applicable to all activities - PROC01, PROC02, PROC03,

scenarios

PROC04, PROC08a, PROC08b, PROC09

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Professional

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Functional fluids - Professional

List of use descriptors : Identified use name: Functional fluids - Professional

Process Category: PROC01, PROC02, PROC03, PROC08a, PROC09, PROC20

Sector of end use: SU22

Subsequent service life relevant for that use: No. Environmental Release Category: ERC09a, ERC09b

scenarios

Environmental contributing : General exposures - ERC09a, ERC09b

Health Contributing : General measures applicable to all activities - PROC01, PROC02, PROC03,

PROC08a, PROC09, PROC20 scenarios

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and : Not available. reference to its source

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and

: Not available.

reference to its source

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Lubricants - Industrial

List of use descriptors : Identified use name: Lubricants - Industrial

Process Category: PROC01, PROC02, PROC03, PROC04, PROC07, PROC08a,

PROC08b, PROC09, PROC10, PROC13, PROC17, PROC18

Sector of end use: SU03

Subsequent service life relevant for that use: No. Environmental Release Category: ERC04, ERC07

scenarios

Environmental contributing: General exposures - ERC04, ERC07

Health Contributing

scenarios

: General measures applicable to all activities - PROC01, PROC02, PROC03, PROC04, PROC07, PROC08a, PROC08b, PROC09, PROC10, PROC13, PROC17,

PROC18

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Exposure estimation and reference to its source - Environment: 1:

Website: : Not applicable.

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Environment : Not available. : Not available. Health

Professional

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Lubricants - Professional

List of use descriptors : Identified use name: Lubricants - Professional

Process Category: PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b,

PROC09, PROC10, PROC11, PROC13, PROC17, PROC18, PROC20

Sector of end use: SU22

Subsequent service life relevant for that use: No. Environmental Release Category: ERC08a, ERC08d

scenarios

Environmental contributing: General exposures - ERC08a, ERC08d

Health Contributing

scenarios

: General measures applicable to all activities - PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b, PROC09, PROC10, PROC11, PROC13, PROC17,

PROC18, PROC20

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Exposure estimation and reference to its source - Environment: 1:

Website: : Not applicable.

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Environment : Not available. : Not available. Health

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use as a fuel - Industrial

List of use descriptors

: Identified use name: Use as a fuel - Industrial

Process Category: PROC01, PROC02, PROC03, PROC08a, PROC08b, PROC16

Sector of end use: SU03

Subsequent service life relevant for that use: No.

Environmental Release Category: ERC07

Environmental contributing: General exposures - ERC07

Health Contributing

scenarios

: General measures applicable to all activities - PROC01, PROC02, PROC03,

PROC08a, PROC08b, PROC16 scenarios

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and : Not available. reference to its source

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Professional

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use as a fuel - Professional

List of use descriptors

: Identified use name: Use as a fuel - Professional Process Category: PROC01, PROC02, PROC03, PROC08a, PROC08b, PROC16

Sector of end use: SU22

Subsequent service life relevant for that use: No. Environmental Release Category: ERC09a, ERC09b

Health Contributing

scenarios

Environmental contributing : General exposures - ERC09a, ERC09b

: General measures applicable to all activities - PROC01, PROC02, PROC03,

PROC08a, PROC08b, PROC16 scenarios

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use as an intermediate

List of use descriptors

: Identified use name: Use as an intermediate Process Category: PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b,

PROC15

Sector of end use: SU03, SU08, SU09

Subsequent service life relevant for that use: No. Environmental Release Category: ERC06a

Environmental contributing: General exposures - ERC06a

Health Contributing

scenarios

: General measures applicable to all activities - PROC01, PROC02, PROC03,

scenarios PROC04, PROC08a, PROC08b, PROC15

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use in metal working fluids/rolling oils - Industrial

List of use descriptors : Identified use name: Use in metal working fluids/rolling oils - Industrial

Process Category: PROC01, PROC02, PROC03, PROC04, PROC05, PROC07,

PROC08a, PROC08b, PROC09, PROC10, PROC13, PROC17

Sector of end use: SU03

Subsequent service life relevant for that use: No.

Environmental Release Category: ERC04

Environmental contributing: General exposures - ERC04

scenarios

Health Contributing

scenarios

: General measures applicable to all activities - PROC01, PROC02, PROC03, PROC04, PROC05, PROC07, PROC08a, PROC08b, PROC09, PROC10, PROC13,

PROC17

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Environment : Not available. : Not available. Health

Professional

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use in metal working fluids/rolling oils - Professional

List of use descriptors : Identified use name: Use in metal working fluids/rolling oils - Professional

Process Category: PROC01, PROC02, PROC03, PROC05, PROC08a, PROC08b.

PROC09, PROC10, PROC11, PROC13, PROC17

Sector of end use: SU22

Subsequent service life relevant for that use: No. Environmental Release Category: ERC08a, ERC08d

scenarios

Environmental contributing: General exposures - ERC08a, ERC08d

Health Contributing : General measures applicable to all activities - PROC01, PROC02, PROC03, scenarios

PROC05, PROC08a, PROC08b, PROC09, PROC10, PROC11, PROC13, PROC17

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use in oil and gas field drilling and production operations - Industrial

List of use descriptors : Identified use name: Use in oil and gas field drilling and production operations -

Industrial

Process Category: PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b

Sector of end use: SU03

Subsequent service life relevant for that use: No.

Environmental Release Category: ERC04

Environmental contributing: General exposures - ERC04

scenarios

Health Contributing : General measures applicable to all activities - PROC01, PROC02, PROC03,

PROC04, PROC08a, PROC08b scenarios

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Professional

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use in oil and gas field drilling and production operations - Professional

List of use descriptors : Identified use name: Use in oil and gas field drilling and production operations -

Professional

Process Category: PROC01, PROC02, PROC03, PROC04, PROC08a, PROC08b

Sector of end use: SU22

Subsequent service life relevant for that use: No. Environmental Release Category: ERC08d

Environmental contributing: General exposures - ERC08d

scenarios

Health Contributing : General measures applicable to all activities - PROC01, PROC02, PROC03,

scenarios PROC04, PROC08a, PROC08b

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

reference to its source

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Industrial

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use in polymer production - Industrial

List of use descriptors : Identified use name: Use in polymer production - Industrial

Process Category: PROC01, PROC02, PROC03, PROC04, PROC05, PROC06,

PROC08a, PROC08b, PROC14

Sector of end use: SU08, SU09, SU10, SU11, SU12, SU13

Subsequent service life relevant for that use: No. Environmental Release Category: ERC04, ERC07

scenarios

Environmental contributing: General exposures - ERC04, ERC07

Health Contributing : General measures applicable to all activities - PROC01, PROC02, PROC03,

PROC04, PROC05, PROC06, PROC08a, PROC08b, PROC14 scenarios

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and

reference to its source

: Not available.

Exposure estimation and reference to its source - Workers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. : Not available. Health

Additional good practice advice beyond the REACH CSA

Consumer

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Functional fluids - Consumer

List of use descriptors

: Identified use name: Functional fluids - Consumer

Sector of end use: SU21

Subsequent service life relevant for that use: No. Environmental Release Category: ERC09a, ERC09b Market sector by type of chemical product: PC16, PC17

Health Contributing

scenarios

Environmental contributing : General exposures - ERC09a, ERC09b

: General measures applicable to all activities - PC16, PC17

scenarios

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and : Not available. reference to its source

Exposure estimation and reference to its source - Consumers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Consumer

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Lubricants - Consumer

List of use descriptors

: Identified use name: Lubricants - Consumer

Sector of end use: SU21

Subsequent service life relevant for that use: No. Environmental Release Category: ERC09a, ERC09b

Market sector by type of chemical product: PC01, PC24, PC31

scenarios

Environmental contributing: General exposures - ERC09a, ERC09b

Health Contributing

scenarios

: General measures applicable to all activities - PC01, PC24, PC31

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and : Not available. reference to its source

Exposure estimation and reference to its source - Consumers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and

: Not available.

reference to its source

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Consumer

Identification of the substance or mixture

Product definition : UVCB

: 1291496 13796036 Code : ELEVEXX 2024 AO-S <C> **Product name**

Section 1 - Title

Short title of the exposure

scenario

: Use as a fuel - Consumer

List of use descriptors

: Identified use name: Use as a fuel - Consumer

Sector of end use: SU21

Subsequent service life relevant for that use: No. Environmental Release Category: ERC09a, ERC09b Market sector by type of chemical product: PC13

scenarios

Environmental contributing : General exposures - ERC09a, ERC09b

Health Contributing

scenarios

: General measures applicable to all activities - PC13

Section 2 - Exposure controls

Section 3 - Exposure estimation and reference to its source

Website: : Not applicable.

Exposure estimation and reference to its source - Environment: 1:

Exposure assessment

(environment):

: Not available.

Exposure estimation and : Not available. reference to its source

Exposure estimation and reference to its source - Consumers: 2:

Exposure assessment

(human):

: Not available.

Exposure estimation and reference to its source

: Not available.

Section 4 - Guidance to DU to evaluate whether he works inside the boundaries set by the ES

Environment : Not available. Health : Not available.

Additional good practice advice beyond the REACH CSA

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

ELEVEXX 2024 AO-S

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