



A CSW Industrial Company

SAFETY DATA SHEET

Revision Date 15-March-2019

Revision Number 1



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Section 1 — Identification

Product identifier

Product Name JET-LUBE® ALCO EP 73™ PLUS

Other means of identification

Synonyms ALCO EP 73™ , ILEX ALCO EP 73™ PLUS

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer

Jet-Lube LLC.
930 Whitmore Drive
Rockwall Texas
75087 US
Phone: +1 972-771-1000
Fax: +1 972-722-2108

Supplier

Blick Industrial Limited
21 Kahu Crescent
Te Rapa Hamilton
3200 New Zealand
Phone: +64 7 849 2366
Email: sales@blick.group

For further information, please contact

Contact Point Product Safety Department

E-mail address Regulatory@jetlube.com

Emergency telephone number

Emergency Telephone CHEMTREC +1-703-741-5970 or 1-800-424-9300 (24/7)
Poisons Information Center, New Zealand: 0800 764 766

Section 2 — Hazard(s) identification

GHS Classification

Acute toxicity - Oral	Category 5 (HSNO - 6.1E)
Acute toxicity - Inhalation (Vapours)	Category 4 (HSNO - 6.1D)

Acute toxicity - Inhalation (Dusts/Mists)	Category 4 (HSNO - 6.1D)
Chronic aquatic toxicity	Category 3 (HSNO - 9.1C)

Label elements**Signal word**

Warning

Hazard statements

H303 - May be harmful if swallowed

H332 - Harmful if inhaled

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapours/spray

Use only outdoors or in a well-ventilated area

Avoid release to the environment

Precautionary Statements - Response

Call a POISONS INFORMATION CENTRE or doctor if you feel unwell

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISONS INFORMATION CENTRE or doctor if you feel unwell

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

No information available

Section 3 — Composition and information on ingredients

Chemical name	CAS No	Weight-%
Lubricating grease	74869-21-9	>60
Antimony, tris(dipentylcarbamodithioato-S,S')-, (OC-6-11)-	15890-25-2	<10
Calcium petroleum sulfonate	61789-86-4	<10
Non-hazardous ingredients	Proprietary	Balance

Section 4 — First aid measures**First aid measures****General advice**

Show this safety data sheet to the doctor in attendance.

Emergency telephone number

Poisons Information Centre, New Zealand: 0800 764 766

Inhalation

Remove to fresh air. If symptoms persist, call a doctor. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

Skin contact	Wash skin with soap and water.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapours or mists. Use personal protective equipment as required. See section 8 for more information.

Most important symptoms and effects, both acute and delayed

Symptoms	Coughing and/or wheezing. Difficulty in breathing.
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Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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Section 5 — Firefighting measures**Suitable Extinguishing Media**

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
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Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
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Specific hazards arising from the chemical

Specific hazards arising from the chemical	No information available.
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Special protective actions for firefighters

Special protective equipment for firefighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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Section 6 — Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Personal precautions	Ensure adequate ventilation. Avoid breathing vapours or mists. Use personal protective equipment as required.
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Other information	Refer to protective measures listed in Sections 7 and 8.
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For emergency responders	Use personal protection recommended in Section 8.
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Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
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Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7 — Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

General hygiene considerations Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible materials None known based on information supplied.

Section 8 — Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	New Zealand WEL	ACGIH TLV	United Kingdom	Australia
Antimony, tris(dipentylcarbamo-dithioato-S, S')-, (OC-6-11)-	TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³ Sb	STEL: 1.5 mg/m ³ TWA: 0.5 mg/m ³	TWA: 0.5 mg/m ³

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

Section 9 — Physical and chemical properties

Physical and Chemical Properties

Physical state	Paste/Gel; Liquid
Appearance	Red
Odour	Petroleum
Colour	No information available
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	7		
Melting / freezing point	No data available	None known	
Boiling point/boiling range	316 °C		
Flash Point	221 C		
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapour pressure	No data available	None known	
Vapour density	No data available	None known	
Relative density	0.90		
Water Solubility	Insoluble in water		
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/water	Not Applicable		
Auto-ignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No information available.		
Oxidising properties	No information available.		

Other Information

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	None
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

Section 10 — Stability and reactivity

Reactivity

Reactivity	No information available.
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Chemical stability

Stability	Stable under normal conditions.
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Explosion Data

Sensitivity to mechanical impact	None.
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Sensitivity to static discharge	None.
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Possibility of Hazardous Reactions

Possibility of hazardous reactions	None under normal processing.
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Conditions to avoid

Conditions to avoid Excessive heat.

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous Decomposition Products

Hazardous Decomposition Products None known based on information supplied.

Section 11 — Toxicological information**Acute Toxicity****Information on likely routes of exposure****Product Information**

Inhalation Specific test data for the substance or mixture is not available. Harmful by inhalation. (based on components).

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion May be harmful if swallowed. (based on components).

Symptoms Coughing and/or wheezing.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 2,038.60 mg/kg
ATEmix (inhalation-gas) 5,962.50 mg/l
ATEmix (inhalation-vapour) 14.60 mg/l
ATEmix (inhalation-dust/mist) 1.99 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Lubricating grease	= 2280 mg/kg (Rat)	-	-
Antimony, tris(dipentylcarbamo-dithioato-S, S`)-, (OC-6-11)-	> 16400 mg/kg (Rat)	> 16000 mg/kg (Rabbit)	-
Calcium petroleum sulfonate	> 20 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
Respiratory irritation	No information available.
Narcotic effects	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Section 12 — Ecological information

Ecotoxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

Aquatic ecotoxicity

Unknown aquatic toxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Lubricating grease	-	96h LC50: > 2000 mg/L (Salmo gairdneri)	-	-
Calcium petroleum sulfonate	-	96h LC50: 5.7 - 9.7 mg/L (Pimephales promelas) 96h LC50: 1.0 - 10.0 mg/L (Pimephales promelas)	-	48h EC50: 6.2 - 12 mg/L

Terrestrial ecotoxicity There is no data for this product.

Persistence and Degradability No information available.

Bioaccumulative potential

Bioaccumulation No information available.

Mobility in soil

Mobility No information available.

Other adverse effects

No information available.

Section 13 — Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of product in packaging in a way that is consistent with the Hazardous Substances (Disposal) Notice 2017 and the Act
Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste
Dispose of product in packaging in a way that is consistent with the Hazardous Substances (Disposal) Notice 2017 and the Act

Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste

Class 6 and 8 substances – may be discharged into the environment if a tolerable exposure limit has been set for the substance (or a component of that substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the tolerable exposure limit. If there is no tolerable exposure limit for the substance, then it may only be discharged into the environment if the substance is very rapidly converted to substances that are not hazardous substances

Class 9.1 substances – if the substance, or if it contains a component that is bioaccumulative and not rapidly degradable, then any component that is bioaccumulative and not rapidly degradable must be removed. The product may only be discharged into the environment if an environmental exposure limit has been set for the substance (or a component of the substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the environmental exposure limit

Contaminated packaging

For packages that have been in direct contact with hazardous substances, the person must ensure that the package is rendered incapable of containing any substance. It must be disposed of in a manner that is consistent with the requirements for disposal of the substance that it contained, taking into account the material the package is manufactured from

Packages may only be reused or recycled if the package has been treated to remove any residual contents of the hazardous substance (Class 1, 2, 3, 4, or 5); or the contents of the residue in the package are below the threshold for the substance to be classified as hazardous (Class 6, 8, or 9 substance)

Section 14 — Transport information

<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A

Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

Special precautions

Please refer to the applicable dangerous goods regulations for additional information

Section 15 — Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****New Zealand****National regulations**

See Section 8 for any applicable tolerable exposure limits and environmental exposure limits

Certified handlers, tracking and controlled substance license requirements

Certified handlers are required for some substances. This includes for substances requiring a controlled substance license, including Class 1 explosives, vertebrate toxic agents (9.3A, B, C), and certain fumigants. Class 6.1A and 6.1B substances such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information

Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check

the Health and Safety at Work Act 2015 for further information
Controlled substance licenses are required to possess certain Class 1 (explosive) and Class 6 (vertebrate toxic agents or fumigants) substances. See Part 7 of the Health and Safety at Work Regulation 2017 for more information

EPA New Zealand HSNO approval code or group standard Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2017 – HSR002606

International Inventories

New Zealand Inventory of Chemicals Complies.
TSCA Complies.
DSL/NDSL Complies.
EINECS/ELINCS Complies.
ENCS Complies.
KECL Complies.
PICCS Complies.
AICS Complies.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Section 16 — Any other relevant information

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

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Revision Note 15-March-2019

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation
C	Carcinogen		

Disclaimer

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materials or in any process, unless specified in the text.

End of Safety Data Sheet
