SAFETY DATA SHEET

LONG LIFE COOLANT 50% PRE-DILUTED

Compilation date: 20/10/2020

Revision No: 1

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

1.1. Product identifier

Product name: DUCKHAMS LONG LIFE COOLANT 50% PRE-DILUTED

Product code: 6911D

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

Use of substance / mixture: Automotive Coolant

1.3. Details of the supplier of the safety data sheet

Company name: Duckhams Oil Middle East DMCC
Jumeirah Business Centre 5
Cluster W, Jumeirah Lake Towers
Dubai, United Arab Emirates
PO Box: 53203
Tel: +971 (0) 4 458 7390
Email: technical@duckhams.co.uk

1.4. Emergency telephone number

Emergency tel: +971 (0) 4 458 7390

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT RE 2: H373

2.2. Label elements

Label elements:

Hazard Statements: H373: May cause damage to kidney through prolonged or repeated exposure if swallowed.

EUH 210-Safety data sheet available on request

Hazard Pictograms: GHO8: Health Hazard:

Signal words: Warning

Precautionary Statements: P260: Do not breath vapours/spray.

P314 – Get medical advice/attention if you feel unwell

P501: Dispose of product and packaging in accordance with local regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

The product is a mixture. Health hazard information is based on its ingredients

Chemical name	EC-No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP] / GHS	REACH Registration Number
Mono ethylene glycol	203-473-3	107-21-1	45% - 55%	Acute Tox. 4 (H302) STOT RE 2 (H373)	-
Potassium 2-ethylhexanoate	221-625-7	3164-85-0	1.0% – 1.5%	Repr. 2 (H361d)	-
Sodium 2-ethylhexanoate	243-283-8	19766-89-3	0.1% - 0.5%	Repr. 2 (H361d)	-

** - Substances for which there are Community workplace exposure limits

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor. wash out mouth with water.

Inhalation: Move to fresh air. Seek medical advice if effects persist.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment, Use CO2, dry chemical or foam, Water spray or fog, Cool containers / tanks with water spray.

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In the event of fire and/or explosion do not breathe fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Thermal decomposition can lead to release of irritating gases and vapors.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8/12/13 for Additional information.

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Automotive Coolant

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Chemical name	Exposure limits
Mono ethylene glycol (particulate)	TWA: 10 mg/m^3

Mono ethylene glycol (vapour)	TWA: 52 mg/m³ STEL: 104 mg/m³

Legend
(s) skin, TWA – Time Weighted Average, STEL – Short term Exposure Limit, Ceiling – Ceiling value,

Engineering Measures - Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Engineering controls should be considered as the first line of protection against adverse exposure to harmful substances. Administrative controls and PPE should be used in the absence of engineering controls or as supplemental controls where engineering controls are insufficient in reducing specific exposures to an acceptable level.

Eye Protection - Safety glasses with side-shields.

Hand Protection

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. The following glove type may be suitable for handling this product. Protective gloves complying with EN 374.

Nitrile rubber Glove thickness => 0.38 mm Break through time => 480 min

Butyl rubber Glove thickness => 0.64 mm Break through time => 480 min

Glove material suitability will vary depending on specific use conditions. Consideration should be given to variables such as operational characteristics, anticipated contact time, task requirements and other factors relevant to the selection of PPE. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Any specific glove information provided is based on published literature and glove manufacturer data. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Skin and body protection - Long sleeved clothing.

Respiratory protection - No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

This information is based on the state in which the specific product is delivered and on the intended use specified within this SDS. This information is provided based on literature reference, manufacturer specifications and recommendations and/or derived by analogy with similar substances. The level of protection and types of exposure controls will vary depending on potential exposure conditions.

Hygiene measures

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

No special environmental precautions required.

Thermal hazards

None under normal use

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Blue

Odour: Hydro carbon – Like

Solubility in water: Soluble

pH @ 25°C: 8.0

Boiling point/range / °C: 110

Melting point/ range / °C: -38

Relative density: 1.0659 @ 20°C

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition, Extremes of temperature and direct sunlight

10.5. Incompatible materials

Materials to avoid: Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Harmful if swallowed. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

No special environmental measures are necessary

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bio accumulative potential

Bio accumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixtureby the supplier.

Section 16: Other information

Other information

Other information: According to United Nations Globally Harmonised System.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed

H361d: Suspected of damaging the unborn child.

H373: May cause damage to kidney through prolonged or repeated exposure if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.