

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

1.1. Product identifier

Product name: LANODIP 4:1 XL

Product code: AF8584

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

Use of substance / mixture: Teat Dip

1.3. Details of the supplier of the safety data sheet

Company name: Kilco (International) Ltd
Broomhouses 2 Industrial Estate
Old Glasgow Road
Lockerbie
DG11 2SD
United Kingdom

Tel: +44 (0) 157 620 5480

Email: sds@kilco.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 207 858 1228

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xi: R41

Classification under CLP: Eye Dam. 1: H318

Most important adverse effects: Risk of serious damage to eyes.

2.2. Label elements

Label elements:

Hazard statements: H318: Causes serious eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion



Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/.

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Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R41: Risk of serious damage to eyes.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye / face protection.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ALCOHOLS, C9-11, ETHOXYLATED

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	68439-46-3	Xn: R22; Xi: R41	Acute Tox. 4: H302; Eye Dam. 1: H318	10-30%

IODINE

231-442-4	7553-56-2	Xn: R20/21; N: R50	Acute Tox. 4: H332; Acute Tox. 4: H312; Aquatic Acute 1: H400	1-10%
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L - (+) LACTIC ACID

201-196-2	79-33-4	Xi: R38; Xi: R41	Skin Irrit. 2: H315; Eye Dam. 1: H318	1-10%
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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. Consult a doctor.

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

[cont...]

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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: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

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 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2

[cont...]

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

IODINE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	1.1 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Brown

Odour: Iodine

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: No data available.

Flammability limits %: **lower:** Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Relative density: 1.080 - 1.120

pH: 2.1 - 3.4

9.2. Other information

Other information: Not applicable.

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.

[cont...]

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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: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ALCOHOLS, C9-11, ETHOXYLATED

DERMAL	RAT	LD50	2000 - 5000	mg/kg
ORAL	RAT	LD50	1200	mg/kg

IODINE

ORL	MUS	LD50	22	gm/kg
ORL	RAT	LD50	14	gm/kg
SCU	RAT	LD50	10500	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated

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: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

[cont...]

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Hazardous ingredients:

ALCOHOLS, C9-11, ETHOXYLATED

ALGAE	72H ErC50	47	mg/l
DAPHNIA	48H EC50	9 - 13.4	mg/l
FISH	96H LC50	11 - 23.7	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

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: No data available.

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 mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

[cont...]

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Phrases used in s.2 and s.3: H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H400: Very toxic to aquatic life.
R20/21: Harmful by inhalation and in contact with skin.
R22: Harmful if swallowed.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R50: Very toxic to aquatic organisms.

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. Kilco (International) Ltd, Registered Office: 1A Trench Road, Mallusk, Newtownabbey, Belfast, BT36 4TY. Place of Registration: Northern Ireland, Registration Number: NI3240