

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

1.1. Product identifier

Product name: FARMALIN IMPACT

Product code: AF8010

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

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 (English)

+44 (0)203 394 9877 (Other)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Aquatic Chronic 3: H412; -: EUH208

Most important adverse effects: Contains 4-chloro-3-methylphenol. May produce an allergic reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 4-chloro-3-methylphenol. May produce an allergic reaction.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P264: Wash hands, forearms and face thoroughly after handling.

P273: Avoid release to the environment.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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:

L - (+) LACTIC ACID

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-196-2	79-33-4	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	<1%

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3,DIAMINE - REACH registered number(s): 01-2119980592-29

219-145-8	2372-82-9	-	Acute Tox. 3: H301; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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4-CHLORO-3-METHYLPHENOL

200-431-6	59-50-7	-	Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	<1%
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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. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water.

Inhalation: Not applicable.

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

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

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

[cont...]

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

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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

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.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

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DNEL/PNEC Values

Hazardous ingredients:

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3,DIAMINE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	2.35 mg/m ³	Workers	Systemic
DNEL	Dermal	0.91 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	0.7 mg/m ³	Consumers	Systemic
DNEL	Dermal	0.54 mg/kg bw/day	Consumers	Systemic
DNEL	Oral	0.2 mg/kg bw/day	Consumers	Systemic
PNEC	Fresh water	0.001 mg/l	-	-
PNEC	Marine water	0.0001 mg/l	-	-
PNEC	Fresh water sediments	8.5 mg/kg dry weight	-	-
PNEC	Marine sediments	0.85 mg/kg dry weight	-	-
PNEC	Soil (agricultural)	45.34 mg/kg dry weight	-	-
PNEC	Microorganisms in sewage treatment	1.33 mg/l	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising 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

Hazardous ingredients:

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3,DIAMINE

ORAL	RAT	LD50	261	mg/kg
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4-CHLORO-3-METHYLPHENOL

ORL	MUS	LD50	600	mg/kg
ORL	RAT	LD50	1830	mg/kg
SCU	RAT	LD50	400	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

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L - (+) LACTIC ACID

ALGAE	48H EC50	3500	mg/l
DAPHNIA	48H EC50	240	mg/l
FISH	48H EC50	320	mg/l

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3,DIAMINE

Daphnia magna	48H EC50	>0.1-1	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	>0.1-1	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>0.1-1	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: 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

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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.

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Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H373: May cause damage to organs ({{{0||message=<or state all organs affected, if known>||filter=(_)?ORGAN_.+}}}) through prolonged or repeated exposure ({{{1||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=(_)?EXP_ROUTE_.+}}}).

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.