

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

1.1. Product identifier

Product name: INTAKE

Product code: NP-0001

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

Use of substance / mixture: An adjuvant for use in agriculture and horticulture.

1.3. Details of the supplier of the safety data sheet

Company name: Headland Agrochemicals

Rectors Lane

Pentre

Flintshire

CH5 2DH

United Kingdom

Tel: +44(0)1244 537370

Fax: +44(0)1244 532097

Email: flintshire.enquiry@fmc.com

1.4. Emergency telephone number

Emergency tel: +44(0)1244 537370

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: * Skin Corr. 1B: H314; STOT SE 3: H335

Most important adverse effects: Causes severe skin burns and eye damage. May cause respiratory irritation.

2.2. Label elements

Label elements:

Hazard statements: * H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

Signal words: Danger

Hazard pictograms: * GHS05: Corrosion

GHS07: Exclamation mark



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Precautionary statements: * P261: Avoid breathing vapours/spray.

P264: Wash hands thoroughly after handling.

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

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

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

P501: Dispose of contents/container to hazardous or special waste collection point.

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:**

PROPIONIC ACID - REACH registered number(s): 01-2119486971-24-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-176-3	79-09-04	-	Flam. Liq. 3: H226; Skin Corr. 1B: H314; STOT SE 3: H335	30-60%

BETA-ALANINE, N-COCO ALKYL DERIVS., SODIUM SALTS

271-795-1	68608-68-4	-	Eye Irrit. 2: H319	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses, if present, after the first few minutes, then continue rinsing. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Seek medical attention if any symptoms develop.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention if any discomfort continues.

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

Skin contact: Irritation or pain may occur at the site of contact. There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact. Blistering may occur.

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

[cont...]

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Ingestion: Corrosive burns may appear around the lips. 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. There may be coughing and a sore throat.

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

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

Immediate / special treatment: Eye bathing equipment should be available on the premises. A decontamination shower should be available on the premises. Show this safety data sheet to the doctor in attendance.

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: Corrosive. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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. Contaminated fire extinguishing water should not be discharged into drains, if preventable.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: * Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. If outside keep bystanders upwind and away from danger point. If outside do not approach from downwind. In the case of large spills (1 ton or more), alert the appropriate authorities.

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. Wash the spillage site with large amounts of water. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

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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.
Keep away from sources of ignition and protect from exposure to fire and heat.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Protect from frost. Store above 5°C. Store in a cool, well ventilated area. Keep away from direct sunlight. Do not store near direct sources of heat. Keep out of the reach of children. Keep away from food, drink and animal feedstuffs.

7.3. Specific end use(s)

Specific end use(s): No data available.

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

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Gloves (acid resistant).

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

Skin protection: Acid-resistant protective clothing.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Pungent

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Flash point°C: >61

Relative density: 1.00 - 1.05

pH: 2.5 - 3.5

[cont...]

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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: * Can react with some metals to liberate flammable Hydrogen gas.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames. Sources of ignition. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Bases. Oxidising agents. Reducing agents. Metals. Amines.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

* Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	Calculated ATE	>8000	mg/kg

Hazardous ingredients:

PROPIONIC ACID

DERMAL	RAT	LD50	3235	mg/kg
ORAL	RAT	LD50	3455	mg/kg
VAPOURS	RAT	4H LC50	>20	mg/l

BETA-ALANINE, N-COCO ALKYL DERIVS., SODIUM SALTS

ORAL	-	LD50	>5000	mg/kg
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Relevant hazards for substance:

Hazard	Route	Basis
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Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Irritation or pain may occur at the site of contact. There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact. Blistering may occur.

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

Ingestion: Corrosive burns may appear around the lips. 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. There may be coughing and a sore throat.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

BETA-ALANINE, N-COCO ALKYL DERIVS., SODIUM SALTS

ALGAE (Chlorella vulgaris)	72H EbC50	31	mg/l
ALGAE (Chlorella vulgaris)	72H ErC50	18	mg/l
DAPHNID (Daphnia magna)	48H EC50	97.5	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	NOEL	10.7	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Not expected to bioaccumulate.

12.4. Mobility in soil

Mobility: Soluble in water.

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

[cont...]

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13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Do not contaminate ponds, waterways or ditches with chemical or used containers. Do not discharge to sewer systems.

Waste code number: 02 01 08

Disposal of packaging: Clean with water. Dispose of as normal industrial waste. Treat the cleaning water following the above method for waste product.

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

Section 14: Transport information

14.1. UN number

UN number: UN1760

14.2. UN proper shipping name

Shipping name: CORROSIVE LIQUID, N.O.S.
(PROPIONIC ACID)

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: The product is not transported in bulk tankers.

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.

[cont...]

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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.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

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.