Stim Pure Liquid

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

1.1 Product identifier
Van Iperen Stim Pure Liquid

1.2 Relevant identified uses of the substance or mixture and uses advised against
Used as a fertiliser to supplement a well-balanced crop nutrition program.

1.3. Details of the supplier of the safety data sheet
Van Iperen International BV
Smidsweg 24
3273 LK Westmaas - Nederland
T +31 (0) 186 578 888 - F +31 (0) 186 573 452
info@iperen.com - www.vaniperen.com

1.4. Emergency telephone number
In case of emergency contact the national emergency telephone number: UK and Ireland: 112 or 999

Country	Official advisory body	Address	Emergency number
Ireland (Republic of)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1 Classification of substance or mixture
The product is not classified.

2.2 Label elements
The product doesn't require any specific labelling elements to identify hazards.

2.3 Other hazards
The product does not have any other hazards.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance	CAS No.	EC No.	Classification	Composition
Ascophyllum nodosum ext.	84775-78-0	283-907-6	No classification	100 % w/w

SECTION 4: First aid measures

4.1 Description of first aid measures
General: Product is not hazardous. If irritation or discomfort occurs, medical advice should be sought.
Inhalation: Product is not toxic. Vapours should not be breathed intentionally.
Eye contact: Product is not irritating to eyes. On contact, eyes should be held open and flushed with plenty of water. Should any irritation occur, medical attention should be sought.
Skin contact: Product is not irritating to skin. On contact, skin should be washed with mild soap and water. Should any discomfort occur, medical attention should be sought.
Ingestion: Product is not toxic if ingested. On ingestion, plenty of water or milk should be drunk. Should any discomfort occur, medical attention should be sought.

4.2 Most important symptoms and effects, both acute and delayed
See 4.1. No information on any delayed effects.

4.3 Indication of any immediate medical attention and special treatment needed
Medical attention should be sought if any irritation or discomfort occurs.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Use appropriate media (water, foam, dry powder or CO2) for surrounding the fire. Note: avoid spills as product is slippery.

5.2 Special hazards arising from the substance or mixture
No special hazards arising.

5.3 Advice for fire-fighters
Please note, the product is slippery.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Gloves and eye protection should be worn when undertaking any clean up due to temporary staining.

6.2 Environmental precautions
No specific precautions are required, as the product is not considered to pose an environmental hazard.

6.3 Methods and material for containment and cleaning up
Spills may be easily cleaned by removing as much product as possible and washing the remaining spill using copious amounts of water. Clean up the product thoroughly as it is slippery.

6.4 Reference to other sections
Refer also to sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid handling, as this may cause staining. Specific personal protective equipment is stated in section 8.

7.2 Consideration for safe storage, including any incompatibilities
Store in a cool place and out of direct sunlight. Do no contaminate water, food or feed by storage or disposal.

7.3 Specific end uses
Refer to subsection 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Workplace exposure limits: None assigned
DNEL (derived no effect level): Not yet established
PNEC (predicted no effect concentration): Not yet established

8.2 Exposure controls
General: Check workplace instructions/procedures and risk assessments for any exposure control and personal protective equipment requirements (eg. COSHH assessments). Exposure control measures and personal protective equipment specified in these risk assessments should take precedence over the more general recommendations below because they take into account highly variable factors specific to the workplace and activity concerned which cannot be anticipated in a safety data sheet. Otherwise:
Engineering controls: There are no specific ventilation requirements. Eyewash facilities should be available.
Respiratory protection: No specific requirements.
Eye protection: Eye protection such as safety glasses should be worn when handling due to possible temporary staining.
Skin protection: Chemically resistant gloves, e.g. rubber, neoprene, butyl, PVC or nitrile, should be worn to protect against temporary staining.
Environmental: Refer to section 6.2.
General hygiene: Remove all protective equipment before eating, drinking or smoking, and before entering any ‘clean’ areas. Hands should be washed immediately after any contact with the product. All protective equipment should be cleaned before removal where practical and before re-use – if not possible, they should be disposed of as chemical waste (refer to section 13).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance		Black liquid
Odour		Marine-like
pH		7.4 – 8.2
Melting point (°C)	(°C)	Not determined
Initial boiling point (°C)	(°C)	Not determined
Boiling range (°C)	(°C)	Not determined
Evaporation rate		Not determined
Bulk density	g/cm3	1.16
Vapour density (air = 1)	Air = 1	Not determined
Vapour pressure (mm Hg)	Mm Hg	Not determined
Viscosity (cP)	cP	<100 cP
Autoignition temperature (°C)	(°C)	550
Decomposition temperature (°C)	(°C)	Not determined
Flash point	(°C)	N/A
Flammability (solid, gas)		Not determined
Flammability limits in air	%	Not determined
Explosivity limits in air	%	Not determined
Explosive potential		Not determined

Oxidising potential		Not determined
Solubility in water		Fully soluble
Solubility in other	g/ml	Not determined
Log water/octanol partition coefficient		Not determined

9.2 Other information
No data available on fat solubility, conductivity, redox potential, radical formation potential or photocatalytic properties.

SECTION 10: Stability and reactivity

10.1 Reactivity
Product is not reactive under normal circumstances.

10.2 Chemical stability
Product is stable under normal circumstances. Oxidants and acids can cause degradation of the product.

10.3 Possibility of hazardous reactions
Product is not reported to undergo hazardous reactions.

10.4 Conditions to avoid
Oxidants and acids may cause degradation of the product.

10.5 Incompatible materials
Oxidants and acids may cause degradation of the product.

10.6 Hazardous decomposition products
Not applicable.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	
Exposure route	Effects
Inhalation	No effect
Skin	No effect
Ingestion	Non-toxic. Significant ingestion may cause nausea and discomfort

Specific target organ effects (single and repeated exposure)	Exposure route	Effects
Inhalation		No effect
Skin		No effect
Ingestion		No effect
General		No effect

CMR (carcinogenicity, mutagenicity, reproductive toxicity)	Exposure route	Effects
Carcinogenicity		No effect
Mutagenicity		No effect
Reproductive toxicity		No effect

Corrosivity and irritancy	Exposure route	Effects
Inhalation		No effect
Eyes		No effect
Skin		Very slight erythema with no other signs of irritation
Ingestion		No effect

SECTION 12: Ecological information

12.1 Toxicity
Non-toxic to marine algae, vertebrates or invertebrates.

12.2 Persistence and degradability
Product is fully biodegradable.

12.3 Bioaccumulation potential
Due to its biodegradability, the product presents minimal bioaccumulation potential, and therefore minimal environmental impact.

12.4 Mobility in soil
No data.

12.5 Results of PBT and vPvB assessment
Product exhibits no PBT or vPvB properties.

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12.6 Other adverse effects
No additional adverse effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Handling: Product is not hazardous – please refer to sections 7 and 8 for further details on hazardous waste.
Material: The material is non-hazardous, and should be disposed of in accordance to local, regional or national regulations
Packaging: Contaminated packaging must be disposed of in accordance to local, regional or national regulations.
Regulations: Relevant local, regional and national regulations should be complied with.

SECTION 14: Transport information

The product is non-hazardous. Therefore, no specific precautions are necessary.
14.1 UN number Not available

14.2 UN proper shipping name Not available

14.3 Transport hazard class(es) Not applicable

14.4 Packing group Not applicable

14.5 Environmental hazards Unclassified

14.6 Special precautions for user No special precautions required

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No specific information required

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture
UK workplace risk assessment: The product is not subject to any workplace risks.
REACH: The main ingredient in the product is Ascophyullum nodosum extract, for which a REACH registration has been completed. Reference Number: 01-2119575389-21-0001

15.2 Chemical safety assessment
A chemical safety assessment has not yet been carried out for this product.

SECTION 16: Other information

Abbreviations used in this SDS:
67/548 EEC: The Dangerous Substances Directive
COSHH: Control of Substances Hazardous to Health
UN: United Nations Model Regulations on the Transport of Dangerous Goods
PBT: Persistent, Bioaccumulative and Toxic Substance vPvB: Very Persistent and Very Bioaccumulative
Text of R-phrases, hazard statements, S-phrases and precautionary statements referred to in this SDS:
Product is not classified, therefore no further information on classification details are required.

Company disclaimer

The information provided in this safety data sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any proceed, unless specified in the text.