

Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II / Regulation (EU) No. 453/2010



Iperen WAKE-up Liquid

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

1.1 Product identifier

Product name : Iperen WAKE-up Liquid
Product form : Mixture
Product type : Liquid

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

Industrial distribution.

Identified uses

Industrial USE to formulate chemical product mixtures. Professional formulation of fertiliser products.

Professional USE as fertiliser at Farm - loading and spreading (includes soil conditioning). Professional USE as fertiliser in Greenhouse (e.g. Fertigation, includes pH control of fertiliser solution with acid).

Professional USE as liquid fertiliser in open field (e.g. Fertigation). Professional USE as fertiliser - maintenance of equipment.

Uses advised against : None identified.

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 the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.
First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact : Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.
First-aid measures after eye contact : Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing.
Take victim to an ophthalmologist if irritation persists.
First-aid measures after ingestion : Rinse mouth with water. Immediately after ingestion: give lots of water to drink.
Consult a doctor/medical service if you feel unwell.

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

Symptoms/injuries after inhalation : Exposure to high concentrations: Coughing.
Symptoms/injuries after skin contact : Slight irritation.
Symptoms/injuries after eye contact : Slight irritation.
Symptoms/injuries after ingestion : After absorption of high quantities: Gastrointestinal complaints. Change in urine output.
Chronic symptoms : On continuous/repeated exposure/contact: red skin, dry skin, skin rash/inflammation, runny nose.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Adapt extinguishing media to the environment.
The following extinguishers can be used: water spray, polyvalent foam, alcohol-resistant foam, polymer foam, ABC powder, carbon dioxide.
Unsuitable extinguishing media : Container may slop over if solid jet (water/foam) is applied.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Direct fire hazard: Non-flammable.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of Fire: At high temperature may liberate dangerous gases

5.3. Advice for firefighters

Precautionary measures fire : Exposure to fire/heat: keep upwind, consider evacuation and have neighbourhood close doors and windows.
Firefighting instructions : Cool tanks/drums with water spray/remove them into safety.
Dilute toxic gases with water spray.
Protection during firefighting : Do not breathe fumes. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate air ventilation.
6.1.1. For non-emergency personnel
Protective equipment : Concerning personal protective equipment to use, see section 8.
Wear suitable respiratory equipment in case of insufficient ventilation.
Emergency procedures : Mark the danger area. Keep unnecessary and unprotected personnel from entering.
6.1.2. For emergency responders
Protective equipment : See also the information in "For non-emergency personnel".
Emergency procedures : Stop leak if safe to do so.

6.2. Environmental precautions

Prevent uncontrolled discharges into the environment (rivers, water courses, sewers etc.).

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect as much as possible in a suitable clean container, preferably for re-use, otherwise for disposal. Clean contaminated surfaces with an excess of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use sufficient ventilation. Do not get in eyes, on skin, or on clothing.
Hygiene measures : Do not eat, drink or smoke during use. Always wash hands after handling the product.
Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep preferably in the original container.
Storage temperature : -10 - 40 °C
Heat and ignition sources : Keep substance away from: heat sources. ignition sources.
Prohibitions on mixed storage : Keep substance away from: oxidizing agents, (strong) acids, (strong) bases.
Storage area : Store in dry, cool, well-ventilated area. Provide the tank with earthing.
Meets the legal requirements.
Special rules on packaging : Do not store in unlabelled containers. Keep packaging closed when not in use.
Secure fragile packagings in solid containers.
Packaging materials : Suitable material: synthetic material, stainless steel

7.3. Specific end use(s)

Not classified as dangerous.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

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Appropriate engineering controls : Ensure good ventilation of the work station. Care for eyewashstations at the workplace.
Personal protective equipment : Protective clothing. Gloves. Safety glasses.

Hand protection : Gloves
Material selection gloves : Good resistance gives: rubber,PVC
Take advice to your gloves' supplier
Eye protection : Safety glasses
Skin and body protection : Normal working clothes are suitable
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment
Other information : See section 7.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Colour : Colourless.
Odour : Vinegar odour.
pH : 7 - 8
Crystallization temperature : -20 °C
Boiling point : ≥ 100 °C
Flash point : The product is not flammable
Vapour pressure : 2300 Pa (as water)
Density : 1.34 kg/l
Solubility : Soluble in water.
Decomposition temperature : ≥ 60 °C
Explosive properties : Not explosive.
Oxidising properties : Not oxidising.

9.2. Other information

Other properties : Clear.
Additional information : Refer to product datasheet

SECTION 10: Stability and reactivity

10.1. Reactivity: Stable under use and storage conditions as recommended in section 7.
10.2. Chemical stability: The product is stable at normal handling and storage conditions.
10.3. Possibility of hazardous reactions: Reacts violently with (some) acids: release of corrosive gases/vapours (acetic acid vapours).
10.4. Conditions to avoid: Avoid high temperatures.
10.5. Incompatible materials: No information available.
10.6. Hazardous decomposition products:
Decomposes on exposure to temperature rise: release of toxic/corrosive/combustible gases/vapours (acetic acid vapours).
On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide.

SECTION 11: Toxicological information

Acute toxicity : Not classified
ATE (oral) : > 2000 mg/kg bodyweight
Skin corrosion/irritation : Not classified
pH: 7 - 8
Serious eye damage/irritation : Not classified
pH: 7 - 8
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated Exposure) : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: Classification concerning the environment: not applicable.

12.2. Persistence and degradability:

Van Iperen Wake UP Liquid
Persistence and degradability: Preparation based on substances which are readily biodegradable.

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12.3. Bioaccumulative potential

Van Iperen Wake UP Liquid

Bioaccumulative potential: Does not contain bioaccumulative component(s).

12.4. Mobility in soil

Van Iperen Wake UP Liquid

Ecology - soil: Soluble in water.

12.5. Results of PBT and vPvB assessment

The preparate does not contain substances which meet the criteria for PBT and/or vPvB according to REACH (No. 1907/2006, Annex XIII)

12.6. Other adverse effects

Additional information: No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

European List of Waste (LoW) code : 06 03 14 - solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
Depending on branch of industry and production process, also other EURL codes may be applicable

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Do not discharge into drains or rivers.

Waste disposal recommendations : Specific preliminary treatment.

Additional information : Can be considered as non hazardous waste according to Directive 2008/98/EC.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number : Not regulated for transport

14.2. UN proper shipping name : Proper Shipping Name : Not applicable

14.3. Transport hazard class(es)

Transport hazard class(es) : Not applicable

14.4. Packing group

Packing group : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user : No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Ontwikkeling

15.2. Chemical safety assessment

Chemical safety assessments for substances in this preparation were carried out

SECTION 16: Other information

Version : 1.0 A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

Revision date : 21/01/2016

Date of issue : 21/01/2016

Indication of changes : Not applicable

Abbreviations and acronyms:

Version: 2.0

Revision date:21-1-2016
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AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rai
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Data sources	: BIG-database.
ECHA Website	: Information on Registered Substances. Handbook of Chemistry and Physics CRC Press Inc. Information from suppliers. REACH registration dossier.
Training advice	: Before using/handling the product one must read carefully the MSDS.

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.