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Safety data sheet

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

1.1. Product identification

Code: **IW - EC**
Name: -

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

Description/Use: Evaporation controller for concrete surfaces

1.3. Information on the supplier of the safety data sheet

Company name: **IDEAL WORK SRL**
Address: **Via Kennedy, 52**
City and Country: **31030 Vallà di Riese Pio X (TV) Italy**
tel. **0423/4535**
fax **0423/748429**
e-mail address of the person responsible for the safety data sheet: sicurezza@idealwork.it

1.4. Emergency telephone number

For urgent information contact

Poison control centres:

England,
Medical Toxicology Information Services:
+442071880100;
Wales&Ireland,
National Poisons Information Service:
08448920111;
Scotland,
National Poisons Information Centre:
0870 600 6266.

SECTION 2. Hazard identification

2.1. Classification of the substance or mixture.

The mixture has been assessed and/or subject to testing to ensure it does not pose any physical hazards, to health and the environment, and the following classification applies to it.

2.1.1. Regulation 1272/2008 (CLP) as amended.

Classification pursuant to directive 67/548/EEC or 1999/45/EC as amended

This compound does not fulfil the classification criteria set forth in directive 1999/45/EC as amended.

Classification in accordance with regulation (EC) No.1272/2008 as amended


This compound does not fulfil the classification criteria set forth in regulation (EC) 1272/2008 as amended.

2.2. Label elements

Hazard pictograms: --
Warnings: --
Hazard statements: It can cause irritation to eyes and skin.
Precautionary statements: Symptoms include reddening, itching and pain.

2.3. Other hazards.

Information not available

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SECTION 3 Composition/information on ingredients.

3.2. Mixtures.

The product does not contain substances classified as being hazardous to human health or to the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and additions).

SECTION 4 First-aid measures.

4.1. Description of first-aid measures.

Inhalation	Bring the victim out in the open air and keep him/her at rest in a position that favours breathing. Seek medical advice if the problem persists.
Contact with skin	Wash skin with water and soap. Seek medical attention if symptoms arise.
Contact with eyes	Wash eyes abundantly with water for at least 15 minutes. Seek medical advice if the symptoms persist.
Ingestion	Rinse mouth. Do NOT induce vomiting. Seek medical advice if the problem persists.

4.2. Main symptoms and effects, both acute and delayed.

Symptoms include reddening, itching and pain

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

Treat based on the symptoms.

SECTION 5 Fire-fighting measures.

5.1. Fire-extinguishing methods.

The product is not classified as flammable, combustible or oxidising. In case of a fire, choose the extinguishing media most suitable for the surrounding environment.

5.2. Special hazards arising from the substance or mixture.

In case of fire, avoid breathing in the fumes.

5.3. Recommendations for fire-fighters.

GENERAL INFORMATION

Always wear equipment provided with fire-fighting protection devices. Collect fire extinguishing water that must not be discharged into drains. Dispose of the contaminated fire extinguishing water and fire residues according to the standards in force.

EQUIPMENT

Wear normal fire-fighting clothes, such as self-contained, open-circuit compressed air breathing apparatus (EN 137), flame resistant clothing (EN 659) and fire-fighter boots (HO A29 or A30).

SECTION 6 Accidental release measures.

6.1. Personal precautions, protective equipment and procedures in case of emergency.

For anyone who is not directly involved

Leave the site of the accident if you do not have appropriate respiratory and eye protective equipment (see section 8).

For anyone who is directly involved

Block the leak if there is no danger. Circumscribe the site of the accident. Wear personal protective equipment (including personal protective equipment, as set forth in section 8 of the safety data sheet) in order to prevent contaminating skin, eyes and personal clothing. Do not breathe the vapours or mist

6.2. Environmental precautions.

Prevent the product from getting into sewer systems, surface water, phreatic zones.


6.3. Containment and reclamation methods and materials.

Gather the spilled product with mechanical equipment and put it in containers for recovery or waste disposal. Spray water to eliminate residue if there are no contraindications.

Provide the area concerned by the spillage with sufficient aeration. Verify any incompatibility for the material of the containers in section 7. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is provided in sections 8 and 13.

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SECTION 7 Handling and storage.

7.1. Precautions for safe handling.

Handle the product after having consulted all other sections of this safety data sheet. Do not dispose of in the environment. Do not eat, drink, or smoke during use.

7.2. Safe storage conditions, including any incompatibility.

Store the product in clearly labelled containers. Store the containers away from any incompatible material; refer to section 10.

7.3. Special end-uses.

Information not available

SECTION 8 Exposure control/personal protection.

8.1. Control parameters.

Information not available.

8.2. Exposure controls.

Considering that the use of suitable technical measures must always have the priority in terms of personal protection equipment, provide good ventilation in the work place through efficient local extraction.

When choosing personal protective equipment, ask the advice of your chemical substance suppliers.

The personal protective movement must bear the CE marking certifying its conformity to standards in force.

Provide an emergency shower with eye wash bath.

HAND PROTECTION

In case of prolonged contact with the product, it is recommended to protect hands with penetration resistant work gloves (ref. Standard EN 374). For the final choice of the material of the work gloves, the use process of the product and any further products deriving from it must also be assessed. Also remember that latex gloves can give rise to sensitisation phenomena.

SKIN PROTECTION

Wear category II professional use long-sleeved work clothes and safety footwear (ref. Directive 89/686/EEC and standard ISO EN 20344). Wash with water and soap after removing the protective clothing.

EYE PROTECTION

We recommend wear a visor-view hood or protective visor worn with hermetic safety goggles (ref. standard EN 166).

RESPIRATORY PROTECTION


It is advisable to use a type A filtering facemask, the class (1, 2 or 3) and actual need of which must be defined based on the result of the risk assessment (ref. Standard EN 149).

The emissions from production processes, including from ventilation equipment, should be controlled with the aim of observing standards on environmental protection.

SECTION 9 Physical and chemical properties.

9.1. Information on essential physical and chemical properties.

Physical State	Liquid
Colour	Pink
Smell	Odourless
Odour threshold.	Not available.
pH.	7.2.
Melting and freezing point.	Not available.
Initial boiling point.	Not applicable.
Boiling range.	Not available.
Flammability point.	>60°C
Evaporation rate	Not available.
Solids and gas flammability	Not available.
Lower flammability limit.	Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. See Annex I of reg. n° 1272/2008 sect. 2.8.4.2 a)
Upper flammability limit.	Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. See Annex I of reg. n° 1272/2008 sect. 2.8.4.2 a)

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Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	0.81.
Solubility	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. See Annex I reg. n° 1272/2008 sect. 2.1.3.4)
Oxidizing properties	Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. See Annex I of reg. n° 1272/2008 sect. 2.8.4.2 a)

9.2. Other information.

Information not available.

SECTION 10 Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances under normal use conditions.

10.2. Chemical stability.

The product is stable under normal use and storage conditions.

10.3. Possibility of hazardous reactions.

Hazardous reactions under normal use and storage conditions are not predictable.

10.4. Conditions to avoid.

None in particular. Nonetheless, always observe the usual precautions required with chemical products.

10.5. Incompatible materials.

Avoid the product from coming into contact with acids.

10.6. Hazardous decomposition products


The presence of calcium carbonate can lead to the formation of calcium oxides, carbon oxides.

SECTION 11 Toxicological information.

No episodes of damage to health ascribable to the product exposure are known. Nevertheless, use of good industrial hygiene practices is recommended.

11.1. Information on toxicological effects.

Acute toxicity	If swallowed it can cause you to feel unwell
Corrosion/skin irritation	It can cause skin irritation through prolonged or repeated contact
Serious eye damage/eye irritation	It can irritate eyes following direct contact.
Respiratory sensitisation	No data available
Skin sensitisation	It is not a skin sensitiser.
Germ cell mutagenicity	There is no data indicating that the product or the components contained in amounts over 0.1% are mutagenic or genotoxic
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Information on mixtures in relation to information on the substances	Not available
Other information	No other specific acute or chronic impact on health is noted

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SECTION 12 Ecological information.

Use according to good working practices. Do not dispose of in the environment. Inform the competent authorities in the event the product reaches waterways or sewers or it contaminates soil or vegetation.

12.1. Toxicity.

Information not available

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulation potential

Information not available

12.4. Mobility in soil.

Information not available

12.5. PBT and vPvB assessment results.

According to the available data, the product does not contain PBT or vPvB substances in percentage higher than 0.1%.

12.6. Other adverse effects.

Information not available

SECTION 13 Disposal considerations.

13.1. Methods of waste treatment.

Re-use, if possible. The product residues are considered special non-hazardous waste. The exhaust product must be consigned to an authorised waste disposal company, in compliance with national and local laws. Do not dispose of in the soil, sewers or waterways. For solid residues consider the possibility of disposal at an authorised landfill.

CONTAMINATED PACKAGES

Contaminated packages must be recovered or disposed of in compliance with waste management national standards.

SECTION 14 Transport information.

The product must **not be considered hazardous** pursuant to the provisions applying to the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) or by air (IATA).

14.1. UN number:	not applicable
14.2. UN shipping name:	not applicable
14.3. Hazard classes connected to transport:	not applicable
14.4. Packaging unit:	not applicable
14.5. Environmental hazards:	not applicable
14.6. Special precautions for users:	not applicable
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. Standards and legislation on health, safety and the environment specific to the substance or mixture.


Seveso category. None.

Restrictions relative to the product or to the substances contained according to Annex XVII EC Regulation 1907/2006.
None.

Substances in Candidate List (Art. 59 REACH).
None.

Substances subject to authorisation (Annex XIV - REACH).
None.

Substances subject to export notification EC Reg. 649/2012:
None.

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Substances Under the Rotterdam Convention Regulations:

None.

Substances Under the Stockholm Convention Regulations

None.

Healthcare controls.

Information not available

15.2. Chemical Safety Assessment

No chemical safety assessment for the mixture or for the substances it contains has been processed.

SECTION 16 Other information.

KEY:

- ADR: European agreement concerning the transport of dangerous goods by road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Concentration that gives effect to 50% of the population tested
- EC NUMBER: ESIS (Existing Substances Information System) Identification Number
- CLP: EC Regulation No.1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally harmonized system of classification and labelling of chemicals
- IATA DGR: Regulations for the transport of dangerous goods by the International Air Transport Association
- IC50: Immobilisation Concentration 50% of the population tested
- IMDG: International maritime code on the transport of dangerous goods
- IMO: International Maritime Organisation
- INDEX NUMBER: Identification number in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent Bioaccumulative and Toxic according to REACH Regulation
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation No.1907/2006
- RID: Regulations for the international carriage of dangerous goods by rail
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term Exposure Limit
- TWA: Time-Weighted Average exposure limit
- VOC: Volatile Organic Compounds
- vPvB: Very Persistent and very Bioaccumulative according to REACH Regulation
- WGK: German water hazard class.

GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments and updates
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2006 of the European Parliament (CLP)
5. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
6. EC Regulation No.453/2010 of the European Parliament
7. Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
8. Regulation (EC) 618/2012 of the European Parliament (III Atp. CLP)
9. The Merck Index. Ed. 10
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989
15. ECHA Agency website

Note for the user:

The information contained in this data sheet is based on the knowledge available to us when the latest version was issued. Users must make sure the information is suitable and exhaustive in relation to the specific use of the product.

This document must not be considered a guarantee on any specific property of the product.

As the use of this product is not subject to our direct control, users must comply, under their own responsibility, with current hygiene and safety laws and provisions. We accept no responsibility for improper use.

Provide suitable information to the personnel in charge of using chemicals.

First version of the document.