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Safety data sheet

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

1.1. Product identifier

Code: **OPEN 10**
Product name: --

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

Intended use: **CONCRETE PORES' OPENING SOLUTION IN 10LT CANS**

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone number

For information in an emergency: **Poison center:**
National Poisons Information Service (Birmingham Unit) City Hospital
Dudley Rd Birmingham
Telephone: +44 121 507 4123
Fax: +44 121 507 55 88
Emergency telephone: 844 892 0111

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:
pictograms:
GHS07

Class codes and hazard category:
Eye Irrit. 2

Codes of hazard statements:
H319 - Causes serious eye irritation.



2.2. label elements

Labeling according to Regulation (EC) No. 1272/2008:

Pictograms, warning codes:
GHS07 - Warning

Codes of hazard statements:
H319 - Causes serious eye irritation.

safety advice:

Prevention

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


Reaction

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if easy to do. Continue rinsing. P337 + P313 - If eye irritation persists, consult a doctor.

2.3. other hazards

The substance / mixture NOT contain pursuant to Regulation PBT / vPvB (EC) No. 1907/2006, Annex XIII
No information on other hazards

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SECTION 3. Composition/information on ingredients.

3.1 Substances

irrelevant

3.2 Mixtures

Refer to section 16 for the full text of the R- phrases and hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
sodium salt of benzenesulphonic , C10-13 alkyl derivs	> 1 <= 5%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412		68411-30-3	270-115-0	01-2119489 428-22-XXX X
C10-16 alcohol , ethoxylated sulfates , sodium salts	> 1 <= 5%	Skin Irrit. 2, H315		68585-34-2		

SECTION 4. First aid measures.

4.1. Description of first aid measures

Inhalation:

Ventilate the area. Immediately remove the patient from the contaminated premises to rest in a well ventilated area. If you feel unwell seek medical advice.

direct contact with the skin (of the pure product):

Immediately take off contaminated clothing.

Rinse immediately with plenty of running water and possibly with soap areas of the body that have come into contact with the product, only even suspected.

Direct contact with the eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes; then protect eyes with dry sterile gauze. Seek immediate medical attention. Do not use eye drops or ointments of any kind before obtaining an examination or advice from an ophthalmologist.

Ingestion:

And 'you can administer activated charcoal in water.

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

No data available.

4.3. Indication of any immediate medical attention and special treatment

If eye irritation persists, consult a doctor.

SECTION 5. Firefighting measures.

5.1 . Extinguishing

Recommended extinguishing means :

Water, CO2 , foam , chemical powders according to the materials involved .

Extinguishing media to avoid:

Water jets. Use d'acqua jets only to cool down surfaces exposed to fire.

5.2 . Special hazards arising from the substance or mixture

No data available.

5.3 . Advice for firefighters


Use protection for the respiratory tract .

Safety helmet and full protective suit .

The water spray can be used to protect the people involved in the extinction

It is also recommended to use breathing apparatus , especially , if you operate in closed, poorly ventilated and in any case if you use halogenated extinguishing (fluobrene , Solkane 123 , naf etc.) .

Cool containers with water jets

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SECTION 6. Accidental release measures.

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

6.1.1 For non-emergency personnel:

Move away from the area surrounding the spill or release. Not smoking. Wear gloves and protective clothing.

6.1.2 For emergency responders:

Wear gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. Not smoking.

Provide adequate ventilation.

Evacuate the danger area and, if necessary, consult an expert.

6.2. environmental precautions

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Dispose of waste in compliance with current regulations.

6.3. Methods and materials for containment and cleaning

6.3.1 For containment

Quickly collect the product wearing mask and protective clothing.

Recover the product for re-use if possible, or for elimination. Appropriate, be absorbed by inert material. Stop it from entering the sewer system.

6.3.2 To clean

After collection, wash the area with water and materials involved.

6.3.3 Other information: None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage.

7.1 . Precautions for safe handling

Avoid contact and inhalation of vapors .

At work do not eat or drink.

See also paragraph 8 .

7.2 . Conditions for safe storage, including any incompatibilities

Keep in the original container tightly closed . Do not store in open or unlabeled containers .

Keep the containers upright and secure avoiding the possibility of falls or collisions .

Store in a cool place , away from any heat source and from direct sunlight. 7.3 . Specific end use

Professional uses : No data .

SECTION 8. Exposure controls/personal protection.

8.1 . Control parameters

No data available.

8.2 . exposure controls

Appropriate engineering controls :

Professional uses :

No data .

Personal protection measures :

a) Protection for eyes / face

When handling the pure product wear safety goggles (splash goggles) (EN 166) .

b) Skin protection

i) Hand protection

When handling the pure product use protective gloves resistant to chemicals (EN 374-1 / EN374-2 / EN374-3)

ii) Other


When handling the pure product wear full protection to the skin .

c) Respiratory protection

Not needed for normal use .

d) Thermal hazards

No danger to report

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Environmental exposure controls :

Related contained substances : sodium salt of benzenesulphonic , C10-13 alkyl derivs :
PNEC water : 0.268 mg / l - PNEC water (seawater) : 0.0268 mg / l - PNEC STP : 3.43 mg / L

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Test method
Appearance	clear liquid	
Odor	imperceptible	
Odour Threshold	no data available	
pH	7	
Melting point / freezing point	no data available	
Initial boiling point and boiling range	no data available	
Flash point	> 100°C	
Evaporation rate	no data available	
Flammability (solid, gas)	no data available	
Upper / lower flammability or explosivity	no data available	
Vapor pressure	no data available	
Vapor density	no data available	
Relative density	1,0 at 20°C	
Solubility	in water, alcohol and glycols	
Solubility	complete in water	
Partition coefficient: n-octanol / water	no data available	
Auto-ignition temperature	no data available	
Decomposition temperature	no data available	
Viscosity	no data available	
Explosive properties	non esplosivo	
Oxidant properties	no data available	

9.2 Other information

No data available.

SECTION 10. Stability and reactivity.

10.1 Reactivity


No reactivity hazards

10.2 Chemical stability

No dangerous reaction if used as directed.

10.3 Possibility of hazardous reactions

There are no dangerous reactions .

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10.4 Conditions to avoid

None to report.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No decomposition if used for intended uses .

SECTION 11. Toxicological information.

11.1. Information on toxicological effects

(A) acute toxicity: not applicable

(B) corrosion / irritation: not applicable

(C) serious eye irritation / injuries: The product, if brought into contact with the eyes, it causes severe irritation chepossono persisting for more than 24 hours.

(D) sensitization of the respiratory tract or skin: not applicable

(E) germ cell mutagenicity: not applicable

(F) carcinogenicity: not applicable

(G) reproductive toxicity: not applicable

(H) specific target organ toxicity (STOT) single exposure: not applicable

(I) a specific target organ toxicity (STOT) repeated exposure: not applicable

(J) aspiration hazard: not applicable

Relating to single components:

sodium salt of benzenesulphonic, C10-13 alkyl derivs:

LD50 oral rat: 1080 mg / kg

C10-16 alcohol, ethoxylated sulfates, sodium salts:

Rats (acute oral) LD50> 5000 mg / Kg

Rat (acute dermal) LD50> 2000 mg / Kg

SECTION 12. Ecological information.

12.1 . Toxicity

Relating to single components:

sodium salt of benzenesulphonic , C10-13 alkyl derivs : 96 h LC50 (Lepomis macrochirus) : 1.67 mg / L 90 days NOEC fish to 0.25 mg / L .

90 days LOEC fish 0:51 mg / L .

28 days LOEC (P. parthenogenica) : 4 mg / L 28 days NOEC (Elodea canadensis) : > 4 mg / L .

C10-16 alcohol , ethoxylated sulfates , sodium salts :

Daphnia magna (acute) 48h EC50 1 to 10 mg / l

(Chronic) NOEC 21 days 0.18 to 0.72 mg / l

Adopt good working practices, avoiding release of the product in the environment .

12.2 . Persistence and degradability

No data available.

12.3 . Potential for bioaccumulation

No data available.

12.4 . Mobility in soil

No data available.

12.5 . Results of PBT and vPvB


The substance / mixture NOT contain pursuant to Regulation PBT / vPvB (EC) No. 1907/2006 , Annex XIII

12.6 . Other adverse effects No adverse effects are found

SECTION 13. Disposal considerations.

3.1 . Waste treatment methods

Do not reuse empty containers . Dispose of in compliance with current regulations . Any remaining product should be disposed of according to current regulations addressing to authorized companies. Recover if possible . Operate according to local or national regulations.

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SECTION 14. Transport information.

4.1 . UN number

Not included in the scope of regulations on the transport of dangerous goods by road (ADR) ; Rail (RID) ; by air (ICAO / IATA) ; by sea (IMDG) .

14.2 . proper shipping name

Nobody.

14.3 . of Transport hazard classes

Nobody.

14.4 . Packing group

Nobody.

14.5 . Environmental hazards

Nobody.

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

It is not intended to carry bulk

SECTION 15. Regulatory information.

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

Statement references:

Legislative Decree. 02/03/1997 n. 52 (Classification, packaging and labeling of dangerous substances). Legislative Decree 14/03/2003 n. 65 (Classification, packaging and labeling of dangerous substances). Legislative Decree. 02/02/2002 n. 25 (Risks related to chemical agents at work). D.M. 26/02/2004 work (occupational exposure limits); D.M. 03/04/2007 (Implementation of Directive no. 2006/8 / EC). Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) 790 / 2009.D.Lgs. September 21, 2005 n. 238 (Seveso Directive Ter).

Sanitary checks:

Workers exposed to this chemical agent to health must undergo health checks according to the provisions of Article. 41 of Legislative Decree no. 81 of April 9, 2008 unless the risk for the safety and health of the worker has been assessed irrelevant, according to art. 224 paragraph 2.

15.2. Chemical Safety Assessment

The provider did not carry out a chemical safety assessment

SECTION 16. Other information.

16.1. Further information

Modified points from the previous revision: 1.2. Relevant identified uses of the substance or mixture and uses advised against 2.1. Classification of the substance or mixture 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures, 4.1. Description of first aid measures 4.3. Indication of any immediate medical attention and special treatment, 6.3. Methods and materials for containment and cleaning up, 7.1. Precautions for safe handling 8.2. exposure controls, 10.1. Reactivity, 10.3. Possibility of hazardous reactions 10.5. Incompatible materials 11.1. Information on toxicological effects 12.1. Toxicity, 12.6. Other adverse effects, 15.1. Safety, health and environmental regulations, legislation specific for the substance or mixture

Description of danger signs set out in paragraph 3

H302 = Harmful if swallowed.

H315 = Causes skin irritation

H318 = Causes serious eye damage

H412 = Harmful to aquatic life with long lasting effects.

Classification made based on the data of all the components of the mixture

Principal legal references:

Directive 67/548 29 ° adaptation

Directive 1999/45 / EC

Directive 2001/60 / EC

Regulation 2008/1272 / EC

Regulation 2010/453 / EC

*** This sheet supersedes any previous edition.***

The existing working conditions at the 'user but escape to our knowledge or control.

L 'user is responsible for the observation of all required statutory provisions.

The data are based on our present knowledge, shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.