Safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (CE) 453/2010

Trade Name :	BOND IDRO		
Code:	ADX.0007		
Revision date :	30.10.2013	**Version :**	**1.0.0**
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

BOND IDRO (ADX.0007)

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

Relevant identified uses

Bulding and cunstruction preparation: Lattice consolidating, impregnating, for reactive water repellent.

1.3 Details of the supplier of the safety data sheet

Producer/supplier :	AZICHEM S.r.l.
Street :	Via G. Gentile, 16/A
Postal code/city:	46044 GOITO (MN) Italy
Telephone :	+39 0376 604185/604365
Fax :	+39 0376 604398
Information contact:	info@azichem.com

1.4 Emergency telephone number

Centro Antiveleni di Milano +39 02 66101029 (CAV Ospedale Niguarda Ca' Granda -Milano) (24h)
Centro Antiveleni di Pavia +39 0382 24444 (CAV IRCCS Fondazione Maugeri - Pavia)
Centro Antiveleni di Bergamo +39 800 883300 (CAV Ospedali Riuniti - Bergamo)
Centro Antiveleni di Firenze +39 055 7947819 (CAV Ospedale Careggi - Firenze)
Centro Antiveleni di Roma +39 06 3054343 (CAV Policlinico Gemelli - Roma)
Centro Antiveleni di Roma +39 06 49978000 (CAV Policlinico Umberto I - Roma)
Centro Antiveleni di Napoli +39 081 7472870 (CAV Ospedale Cardarelli - Napoli)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is classified as not hazardous according to 1999/45/EC.

None

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Special provisions concerning the labelling of certain mixtures

101 Safety data sheet available for professional user on request.

2.3 Other hazards

None

SECTION 3: Composition/ information on ingredients

3.2 Mixtures

Hazardous ingredients

TRIETHOXYOCTYLSILANE ; EC No : 220-941-2; CAS No. : 2943-75-1

Weight fraction :	1 - 5 %
Classification 67/548/EEC :	Xi ; R38
Classification 1272/2008 [CLP] :	Skin Irrit. 2 ; H315

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air.

In case of skin contact
Wash immediately with: Water

After eye contact
Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion
Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed
No information available.

4.3 Indication of any immediate medical attention and special treatment needed
None

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture
None

5.3 Advice for firefighters
Remove persons to safety.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Remove persons to safety.

6.2 Environmental precautions
Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up
For containment
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

For cleaning up
The contaminated area should be cleaned up immediately with: Water

6.4 Reference to other sections
Safe handling: see section 7 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

Protective measures
Specific requirements or handling rules
Do not breathe gas/fumes/vapour/spray. See chapter 8.

Advices on general occupational hygiene
Normal precautions taken when handling chemicals should be observed.

7.2 Conditions for safe storage, including any incompatibilities
Only use containers specifically approved for the substance/product.

Hints on joint storage
Storage class : 12
Storage class (TRGS 510) : 12

Further information on storage conditions
Keep container tightly closed and in a well-ventilated place.

7.3 Specific end use(s)
None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
None

8.2 Exposure controls
Personal protection equipment

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. When using do not eat, drink, smoke, sniff.

Eye / face protection
Suitable eye protection
Eye glasses with side protection

Skin protection
Hand protection
Recommendation: Protective gloves in butyl rubber or nitrile rubber.

Respiratory protection
Fresh-air masks are recommended.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Safety relevant basis data

Aspect		clear liquid
Colour		No data available
Odour		No data available
Melting point / melting range :	(1013 hPa)	No data available
Vapour density	((air = 1))	Data not available
Boiling temperature / boiling range :	(1013 hPa)	No data available
Decomposition temperature :		No data available
Self flammability		No data available
Flash point :		No data available
Flammability (solid, gas)		Data not available
Lower explosion limit :		No data available
Upper explosion limit :		No data available
Explosive properties		Data not available
Vapour pressure	(20 °C)	No data available
Density :	(20 °C)	No data available
Density :	(23 °C)	No data available
Water solubility :	(20 °C)	No data available
PH value :		No data available
Log Pow	(20 °C)	not applicable
Viscosity :	(20 °C)	No data available
Viscosity :	(23 °C)	No data available
Odour threshold		Data not available
Evaporation rate		Data not available
Maximum VOC content (EC) :		1999/13/EC
Oxidizing properties		Data not available

9.2 Other information
None

SECTION 10: Stability and reactivity

10.1 Reactivity
Diminished responsiveness.

10.2 Chemical stability
Stable under recommended storage and handling conditions(See section 7).

10.3 Possibility of hazardous reactions
None

10.4 Conditions to avoid
None known.

10.5 Incompatible materials
None known.

10.6 Hazardous decomposition products
No hazardous decomposition products if handled and storaged as request.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
It has no significant toxicity properties.

SECTION 12: Ecological information

Do not allow uncontrolled discharge of product into the environment.

12.1 Toxicity
No ecotoxic effects are known for this product.

12.2 Persistence and degradability
No information available.

12.3 Bioaccumulative potential
No information available.

12.4 Mobility in soil
No information available.

12.5 Results of PBT and vPvB assessment
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects
No information available.

12.7 Further ecological information
None

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Product/Packaging disposal

Dispose according to legislation.

SECTION 14: Transport information

14.1 UN number
No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name
No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)
No dangerous goods in sense of this transport regulation.

14.4 Packing group
No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards
No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user
None

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

EU legislation

Directive 67/548/CEE (Dangerous substances classification, labelling and packaging) and subsequent amendements.
Directive 1999/45/CE (Dangerous peparations classification, labelling and packaging) and subsequent amendements.
Regulation n°. 1907/2006/CE (REACh).
Regulation n°. 1272/2008/CE (CLP).
Regulation n°. 790/2009/CE (ramending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008)

National regulations

Italy: Legislative Decree 81/2008 (Consolidated Law on protection of health and safety at work), as amended and Directive 2009/161/UE - chemical risk assessment in accordance with Title IX

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment
No information available.

SECTION 16: Other information

16.1 Indication of changes
None

16.2 Abbreviations and acronyms

LEGENDA:

ADR:	Accord européen relative au transport international des marchandises dangereuses par route (accordo europeo relativo al trasporto internazionale delle merci pericolose su strada)
ASTM:	ASTM International, originariamente nota come American Society for Testing and Materials (ASTM)
EINECS:	European Inventory of Existing Commercial Chemical Substances (Registro Europeo delle Sostanze chimiche in Commercio)
EC(0/50/100):	Effective Concentration 0/50/100 (Concentrazione Effettiva Massima per 0/50100% degli Individui)
LC(0/50/100):	Lethal Concentration 0/50/100 (Concentrazione Letale per 0/50100% degli Individui)
IC50:	Inhibitor Concentration 50 (Concentrazione Inibente per il 50% degli Individui)
NOEL:	No Observed Effect Level (Dose massima senza effetti)
NOEC:	No Observed Effect Concentration (Concentrazione massima senza effetti)
LOEC:	Lowest Observed Effect Concentration (Concentrazione massima alla quale è possibile evidenziare un effetto)
DNEL:	Derived No Effect Level (Dose derivata di non effetto)
DMEL:	Derived Minimum Effect Level (Dose derivata di minimo effetto)
CLP:	Classification, Labelling and Packaging (Classificazione, Etichettatura e Imballaggio)
CSR:	Rapporto sulla Sicurezza Chimica (Chemical Safety Report)
LD(0/50/100):	Lethal Dose 0/50/100 (Dose Letale per 0/50/100% degli Individui)
IATA:	International Air Transport Association (Associazione Internazionale del Trasporto Aereo)
ICAO:	International Civil Aviation Organization (Organizzazione Internazionale dell'Aviazione Civile)
Codice IMDG:	International Maritime Dangerous Goods code (Codice sul Regolamento del Trasporto Marittimo)
PBT:	Persistent, bioaccumulative and toxic (sostanze persistenti bioaccumulabili e tossiche)
RID:	Règlement concernent le transport International ferroviaire des marchandises Dangereuses (Regolamento

	concernente il trasporto Internazionale ferroviario delle merci Pericolose)
STEL:	Short term exposure limit (limite di esposizione a breve termine)
TLV:	Threshold limit value (soglia di valore limite)
TWA:	Time Weighted Average (media ponderata nel tempo)
UE:	Unione Europea
vPvB:	Very persistent very bioaccumulative (sostanze molto persistenti e molto bioaccumulabili)
N.D.:	Non disponibile.
N.A.:	Non applicabile
VwVwS.:	Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVwS)
PNEC:	Predicted No Effect Concentration
PNOS:	Particulates not Otherwise Specified
BOD:	Biochemical Oxygen Demand
COD:	Chemical Oxygen Demand
BCF:	BioConcentration Factor
TRGS :	Technische Regeln für Gefahrstoffe -Technical Rules for Hazardous Substances, defined by The Federal Institute for Occupational Safety and Health, Germany
LCLo:	Lethal Concentration Low (La minima concentrazione letale)
ThOD:	Theoretical Oxygen Demand

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

None

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

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H315 Causes skin irritation.

38 Irritating to skin.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.