

Health and Safety Recommendations for Hourdex Multi Use Binder by St Astier

See Also: [INTERCROMEX Data Sheet](#)

Product and Manufacturer Identification

- **Product:** *ready mixed mortar in 30 kg. bags*
Commercial Name: *Intercromex*
- **Manufacturer:**
Name: *Dordognaise (C.E.S.A. Group)*
Adresse: 24110 St Astier, France
Tel: 05 33 54 1125
Fax: 05 33 04 6791
- **In case of Urgency:**
France: - ORFILA, Tel : 01 45 42 5959
UK: – The Lime Line 0800 783901
Ireland:– The Traditional Lime Co. 05991 51750

Components

Intercromex is a ready mixed mortar based on natural hydraulic lime, cement, siliceous and calcareous sand, additives.

IDENTIFICATION OF DANGERS

Intercromex is not classified as a " Dangerous Product" as defined in annex VI of the directive 67 / 548 / CEE. However, because of its alkaline properties in solution, some handling precautions are necessary.

| Risk symbol | Principal risks for people and the environment |
|----------------------|--|
| X_i | <ul style="list-style-type: none">• Intercromex is irritant for eyes, respiratory track and mucous membranes.• Risk of severe eye damage in cases of splashes of powder or wet mortar in the eyes• Once hydrated, Intercromex increases alkalinity and therefore can irritate or dry the skin• In cases of significant ingestion Intercromex is caustic for the digestive tract. It can cause burning of the mouth, esophagus and stomach• Intercromex does not present particular risks for the environment subject to the recommendations in section XIII and the respect of national or local disposal directives |

First Aid (Urgent Cases)

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|------------------------------|---|
| Contact with eyes | <ul style="list-style-type: none">• Wash immediately and abundantly with clean water and consult an ophthalmologist |
| Contact with the skin | <p>In case of prolonged contact with the skin:</p> <ul style="list-style-type: none">• If Intercromex is in a dry state, eliminate as much as possible the dust. Wash abundantly with clean water• If Intercromex is in a wet mortar state, wash abundantly with clean water• Make sure that no product is left between skin and clothing or accessories (watches, shoes etc...). |
| Inhalation | <p>In case of inhalation of large amounts of Intercromex in dust form::</p> <ul style="list-style-type: none">• Bring the affected person outside the dusty area• Consult a doctor in case of respiratory problems. |
| Ingestion | <p>In cases of significant ingestion of Intercromex</p> <ul style="list-style-type: none">• Wash mouth, drink water and consult a doctor. |

ANTI FIRE MEASURES

Intercromex is not flammable.

In case of nearby fire use any extinguishing agents (as required by the nature of the fire)

ACCIDENTAL SPILLAGE MEASURES

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|--------------------------------------|---|
| Individual precautions | <ul style="list-style-type: none">• Avoid all contacts with the eyes• Avoid contact with the skin• Avoid dust inhalation• In case of airborne dust use the appropriate anti dust mask• Handle the product with the appropriate gloves |
| Protection of the environment | <ul style="list-style-type: none">• Do not dispose of Intercromex in sewers, drains and on surface waters |
| Cleaning and recovery methods | <ul style="list-style-type: none">• Use adequate collecting methods so as to avoid the creation of dust in the air.• After collection, Intercromex can be disposed as normal building waste.• Intercromex hardens approximately 60 to 90 minutes after mixing with water. |

USAGE, STOCKING AND HANDLING PRECAUTIONS

| STOCKING | USAGE | HANDLING |
|--|--|---|
| <ul style="list-style-type: none"> Keep away from the reach of children | <ul style="list-style-type: none"> Avoid creating airborne dust. If unavoidable, wear an anti dust mask Avoid direct contact of Intercromex with eyes, skin and mucous membranes Wearing security glasses is recommended. | <ul style="list-style-type: none"> The handling of Intercromex bags has to be done in such a way as to avoid the creation of airborne dust Observe health and safety Manual Handling directives |

CONTROL PROCEDURES FOR WORKERS' EXPOSURE AND TYPE OF EQUIPMENT FOR INDIVIDUALS' PROTECTION

Exposure control:

Exposure Limits

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| Total Dust Limit: | 10 mg/m ³ |
| Air bourne dust limit: | 5 mg/m ³ |

Individuals' protection:

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|---------------------------------|--|
| Respiratory protection : | In the presence of airborne dust, the use of an anti dust mask is recommended |
| Hand protection | Wear appropriate gloves |
| Eyes protection: | Wear protective goggles in case of airborne dust or risk of splashes of powder or wet mortar |
| Skin protection: | Wear adequate work clothing covering the arms and extend it to the hands by wearing gloves. If working standing on knees, wear knee pads. Skin protective creams can also be used. |

PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------|--------------------------------|
| Colour | Grey Powder |
| Odour | None |
| PH in water solution | Alcaline between 12 and 13 |
| Fusion temperature | > 1000°C |
| Apparent volumetric mass | 1.35 g/cm ³ at 20°C |
| Explosion point | Not applicable |
| Flammable point | Not applicable |
| Danger of Explosion | None |
| Granulometry | 20% to 30% of fines < 80µ |

STABILITY AND REACTIVITY

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|----------------------------------|---|
| Stability | The product is stable |
| Conditions to avoid | Humidity can cause the hardening of the product |
| Materials to avoid | None |
| Dangerous decomposition products | None |

TOXICOLOGICAL INFORMATION

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| Inhalation: | Intercromex can cause irritation of the respiratory track and inflammation of nasal mucous membranes. In extreme cases the erosion of mucous membranes is possible |
| Ingestion: | In cases of significant ingestion Intercromex is caustic for the digestive tract. It can cause burning of the mouth, esophagus and stomach |
| Skin contact: | Due to its alcalinity in solution, Intercromex can irritate the skin |
| Contact with the eyes | Intercromex can cause irritation and severe lesion of the pupil. Prolongued washing and ophtalmologic consultation are recommended |
| Chronic hands, skin disorders | Prolongued exposure without adequate protection (gloves) can cause dermatitis. |
| Cancer risks: | Not found |
| Genotoxicity: | Not found |

ECOLOGICAL INFORMATION

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|------------------------------------|---|
| Mobility: | None |
| Potential bio-accumulation: | None |
| Ecotoxicity: | In case of accidental dispersion in waters, the Intercromex powder could moderately increase the water pH |

DISPOSAL INFORMATION

After hardening, as a mortar waste, Intercromex can be disposed of together with other construction site waste and stockpiled in discharge sites following the regulations valid at the time of disposal.

TRANSPORT INFORMATION

Intercromex is classified as non hazardous merchandise in accordance with transport regulations.

COMPULSORY INFORMATION

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|--------------------------------------|--|
| Risk Symbol | X_i irritant |
| Principal Constituent | Calcareous sand, NHL lime and cement |
| Phrases R: | <ul style="list-style-type: none">• R36/37/38- irritant for the eyes, respiratory ways and the skin• R41 - risk of severe lesion to the eyes |
| Phrases S: | <ul style="list-style-type: none">• S2 - keep away from childrens' reach• S24/25 - avoid contact with skin and eyes• S26 - in case of contact with the eyes wash immediately and abundantly with clean water and consult a specialist• S37 wear adequate gloves |
| Professional illnesses: | Social security code : not applicable |
| Special medical surveillance: | Not envisaged |

OTHER INFORMATION: None

The recommendations in this document are based on our knowledge as it stands today related to Natural Hydraulic Limes, sands and additives. They are given in good faith.

Under no circumstance the information can be considered as a quality guarantee.

The User attention is drawn to the eventual risks caused by the utilisation of a product for different purposes from the ones for which the product has been envisaged. It is the responsibility of the User to adopt the appropriate safety measures and to apply all regulations current at the time of use. The prescriptions contained in this document are given to help the User to fulfill its obligations. The precautions listed cannot be considered as exhaustive.

See Also: [Intercromex Data Sheet](#)

For further Guidance, contact your St Astier Distributor.

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