

**FIXOPIERRE - FIX2000**



**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : FIXOPIERRE

Product code : FIX2000.

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

Refer to the technical data sheet

Multipurpose resin.

**1.3. Details of the supplier of the safety data sheet**

Registered company name : PAREXGROUP S.A.

Address : 19, place de la résistance - CS 50053.92445.Issy les Moulineaux Cedex.France.

Telephone : (33)01.41.17.20.00. Fax : 01.41.17.21.30.

fds.matiere-fr@parex-group.com

www.parexlanko.com

For UK : Emergency telephone number : 01827 711755 (Mon - Fri 08:30 - 16:30).

**1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

**SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**2.2. Label elements**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

EC 220-120-9

1,2-BENZISOTHIAZOL-3(2H)-ONE

EC 220-239-6

2-METHYL-2H-ISOTHIAZOL-3-ONE

EC 611-341-5

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)

Hazard statements :

H317

May cause an allergic skin reaction.

Precautionary statements - Prevention :

P280

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

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Precautionary statements - Response :

P302 + P352

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements - Disposal :

P501

Dispose of contents/container in accordance with local regulations.

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

For professional only.

Sale prohibited to individuals.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

Identification	(EC) 1272/2008	Note	%
INDEX: 613_088_006C CAS: 2634-33-5 EC: 220-120-9 REACH: 01-2120761540-60  1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 1
INDEX: 2767 CAS: 2682-20-4 EC: 220-239-6 REACH: 01-2120764690-50  2-METHYL-2H-ISOTHIAZOL-3-ONE	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1 EUH:071		0 <= x % < 1
INDEX: 613_167_00_5 CAS: 55965-84-9 EC: 611-341-5 REACH: 01-2120764691-48  REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 100 Aquatic Chronic 1, H410 M Chronic = 100 EUH:071		0 <= x % < 1

(Full text of H-phrases: see section 16)

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

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**4.1. Description of first aid measures**

**In the event of exposure by inhalation :**

In case of massive inhalation, remove patient to fresh air and keep warm and at rest.

If you feel unwell or if symptoms develop, seek medical advice.

**In the event of splashes or contact with eyes :**

Rinse IMMEDIATELY with plenty of water for at least 15 minutes holding the eyelids open. Move the eyes in every direction to make sure that all product traces have been removed. Consult an ophthalmologist in case of disorders persistent.

**In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

If symptoms of irritation occur, seek medical advice.

Wash contaminated clothing before it is reused.

**In the event of swallowing :**

For small quantities, rinse the mouth with water and seek medical advice. For large quantities, do not allow the person to drink, do not cause the person to vomit. Transfer the person to a hospital and show the product label or this material safety data sheet to the medical staff on duty.

**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 needed**

**Specific and immediate treatment :**

Wash copiously with water.

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

No data available.

**5.2. Special hazards arising from the substance or mixture**

**5.3. Advice for firefighters**

No data available.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

Slipping settling formation.

**For non first aid worker**

Avoid any contact with the skin and eyes.

Handle with appropriate clothing (gloves, coveralls, boots ...).

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

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## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.  
Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

### 7.1. Precautions for safe handling

Always wash hands after handling.  
Remove and wash contaminated clothing before re-using.  
Avoid skin and eye contact.  
Provide a proximity water position in case of regular use

### Recommended equipment and procedures :

For personal protection, see section 8.  
Observe precautions stated on label and also industrial safety regulations.

### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

### Storage

Keep out of reach of children.  
Store away from frost and high temperatures in its original closed packaging.

### Packaging

Keep only in original container

### 7.3. Specific end use(s)

No data available.

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## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

For professional only.  
Sale prohibited to individuals.

### Appropriate engineering controls

IN CASE OF SPRAYING:

Use a PERFECTLY CLEAN low pressure sprayer (<3 bar, gardentype) to avoid the formation of mist.  
Do not spray in windy conditions : use the brush.  
Avoid contact with mucous membranes, eyes and hands.  
Provide proximity water position in case of regular use.

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

### - Eye / face protection

Avoid contact with eyes.  
Use eye protectors designed to protect against liquid splashes  
Before handling, wear safety goggles in accordance with standard EN166.  
Corrective eyewear is not a protection.  
Use a protective visor and / or splash goggles.

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Envisage in the vicinity a clean water container or an ocular fountain in the event of projection in the eyes

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

If cracking or change in appearance gloves, replace them immediately.

For permanente exposure : Viton gloves (0.4mm) protection duration >30 min.

Unsuitable gloves: protective gloves for mechanical work (textile, leather, etc.) do not provide a protection against chemicals.

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Wear protective clothing.

Closed working clothes protecting forearms in continuous with gloves.

**- Respiratory protection**

In the case of spraying, wear a FFP2 respiratory protection mask.

**Exposure controls linked to environmental protection**

Do not apply to materials in direct contact with foodstuffs.

Keep away from foodstuffs, beverages and animal feed.

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**General information :**

Physical state : Fluid liquid.

**Important health, safety and environmental information**

pH : 5.00 +/-1.

Neutral.

pH (aqueous solution) : 4 - 6

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : = 1

Water solubility : Dilutable.

Melting point/melting range : Not specified.

Self-ignition temperature : Not relevant.

Decomposition point/decomposition range : Not relevant.

Density : 0.9 - 1.1 g/cm3

Dry extract : 20 - 30 %

**9.2. Other information**

No data available.

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Avoid :

- frost

Avoid high temperatures.

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

No data available.

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

May cause an allergic reaction by skin contact.

**11.1.1. Substances**

**Acute toxicity :**

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND  
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Oral route : LD50 = 66 mg/kg

Dermal route : LD50 > 141 mg/kg

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Oral route : LD50 = 120 mg/kg  
Species : Rat

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Oral route : LD50 = 532 mg/kg  
Species : Rat

Dermal route : LD50 > 2000 mg/kg  
Species : Rat

Inhalation route (Dusts/mist) : LC50 = 0.4 mg/l  
Species : Rat

**Respiratory or skin sensitisation :**

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND  
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

May cause an allergic skin reaction.

Local lymph node stimulation test : Sensitiser.  
Species : Guinea pig  
OECD Guideline 406 (Skin Sensitisation)

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

May cause an allergic skin reaction.  
Local lymph node stimulation test : Sensitiser.

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Species : Mouse  
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

May cause an allergic skin reaction.

Local lymph node stimulation test :

Sensitiser.  
Species : Mouse  
OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Guinea Pig Maximisation Test (GMPT) :

Sensitiser.  
Species : Guinea pig  
OECD Guideline 406 (Skin Sensitisation)

**11.1.2. Mixture**

No toxicological data available for the mixture.

**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.1. Substances**

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND  
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Fish toxicity :

LC50 = 0.22 mg/l  
Species : *Oncorhynchus mykiss*  
Duration of exposure : 96 h  
OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC = 0.098 mg/l  
Species : *Oncorhynchus mykiss*  
Duration of exposure : 28 days  
OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)

Crustacean toxicity :

EC50 = 0.1 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 48 h  
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC = 0.004 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 21 days  
OECD Guideline 211 (*Daphnia magna* Reproduction Test)

Algae toxicity :

ECr50 0.0052 mg/l  
Factor M = 100  
Species : *Skeletonema costatum*  
Duration of exposure : 48 h  
ISO 10253 (Water quality - Marine Algal Growth Inhibition Test with *Skeletonema costatum* and *Phaeodactylum tricornutum*)

NOEC = 0.00064 mg/l  
Factor M = 100  
Species : *Skeletonema costatum*  
Duration of exposure : 48 h  
ISO 10253 (Water quality - Marine Algal Growth Inhibition Test with *Skeletonema costatum* and *Phaeodactylum tricornutum*)

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**12.1.2. Mixtures**

No aquatic toxicity data is available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND  
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Biodegradability : Rapidly degradable.

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Biodegradability : Rapidly degradable.

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Biodegradability : Rapidly degradable.

**12.3. Bioaccumulative potential**

**12.3.1. Substances**

REACTION MASS OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND  
2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (CAS: 55965-84-9)

Octanol/water partition coefficient : log K<sub>ow</sub> ≤ 0.71  
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Bioaccumulation : BCF = 3.16

2-METHYL-2H-ISOTHIAZOL-3-ONE (CAS: 2682-20-4)

Octanol/water partition coefficient : log K<sub>ow</sub> ≤ 0.32  
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Bioaccumulation : BCF = 3.16

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Octanol/water partition coefficient : log K<sub>ow</sub> = 0.7  
OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Bioaccumulation : BCF = 6.95  
OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.



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**Soiled packaging :**

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

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**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number**

-

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

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**SECTION 15 : REGULATORY INFORMATION**

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

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2018/1480 (ATP 13)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2019/521 (ATP 12)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :**

NFPA 704, Labelling: Health=2 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



**15.2. Chemical safety assessment**

No data available.

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**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

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**Wording of the phrases mentioned in section 3 :**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
GHS07 : Exclamation mark  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.