FICHA COM DADOS DE SEGURANÇA

Nome do Produto: PARAMETOXIFENOL ESCAMAS

1 - Identificação

Nome do Produto: PARAMETOXIFENOL ESCAMAS
Número da FDS: 4782
Comercializado por: Morais de Castro Comércio e Importação de Produtos Químicos Ltda.
Endereço: Rua Álvaro Gomes de Castro, 512 - Porto Seco Pirajá 41233-005 Salvador BA
Telefone: (71) 2108-8686 Fax: (71) 2108-8600
Telefone para emergência: (71) 2108-8686
E-mail: moraisdecastro@moraisdecastro.com.br

1.1-Outras maneiras de identificação:
Uses of Substance / Mixture
- Industrial uses: use as is or in preparations only in industrial areas
- Intermediate product
- Polymerisation inhibitor for monomers
- Stabilizer
- Polymer preparations and components
- Formulation
- Glues
- Printing ink and toners

Uses not recommended
- Pharmaceutical active ingredient
- Synthetic intermediary in organic chemistry of pharmaceutical compounds

1.2-Usos recomendados do produto químico e restrições de uso:

2 - Identificação de perigos

2.1 Classification of the substance or mixture
Classification according to NBR 14725-2
Acute toxicity, Category 4 H302: Harmful if swallowed.
Skin irritation, Category 3 H316: Causes moderate skin irritation.
Eye irritation, Category 2A H319: Causes serious eye irritation.
Skin sensitization, Category 1 H317: May cause an allergic skin reaction.
Hazardous to the aquatic environment - Acute, Category 2 H401: Toxic to aquatic organisms.
Hazardous to the aquatic environment - Chronic., Category 3 H412: Harmful to aquatic organisms, with long lasting effects.

2.2 Label elements
Labeling according to NBR 14725-3

Pictogramas:

Warning word
- Attention

Hazard statements
- H302 Harmful if swallowed.
- H316 Causes moderate skin irritation.
- H317 May cause allergic skin reactions.

- H319 Causes serious eye irritation.
- H401 Toxic to aquatic organisms.
- H412 Harmful to aquatic organisms, with long lasting effects.

Precautionary statements
Prevention
- P261 Avoid inhaling dust / fumes / gases / mists / vapors / aerosols.
- P264 Wash skin thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.

Emergency response
- P333 + P313 In case of skin irritation or rash: Consult a doctor.
- P337 + P313 If eye irritation persists: consult a doctor.

2.3 Other hazards that do not result in classification
- In case of combustion, toxic gases are released
- Finely dispersed particles of explosive mixtures with air.

3 - Composição e Informações sobre os ingredientes

3.1 Substance
- Chemical name p-Methoxyphenol
- Synonyms mequinol
- Formula C7H8O2
- CAS No. 150-76-5
- Index No. 604-044-00-7
- EINECS No. 205-769-8

Information on components and impurities
Chemical name p-methoxyphenol
CAS No. 150-76-5
Classification according to NBR 14725-2
Acute toxicity, Category 4; H302
Skin irritation, Category 3; H316
Eye irritation, Category 2A; H319
Skin sensitization., Category 1; H317
Hazardous to the aquatic environment - Acute, Category 2; H401
Hazardous to the aquatic environment - Chronic., Category 3; H412
Concentration [%]> = 99.5 - < = 100

Chemical name hydroquinone

CAS No. 123-31-9
Classification according to NBR 14725-2
Acute toxicity, Category 4; H302
Serious eye damage, Category 1; H318
Skin sensitization., Sub-category 1B; H317
Germ cell mutagenicity, Category 2; H341
Carcinogenicity, Category 2; H351
Hazardous to the aquatic environment - Acute, Category 1; H400
Hazardous to the aquatic environment - Chronic., Category 1; H410
Concentration [%]: < 0.1

For the full text of the hazard phrases mentioned in this section, see section 16.

3.2 Mixing
- Not applicable, this product is a substance.

4 - Medidas de primeiros-socorros

4.1 Description of first aid measures
General recommendation
- Show this MSDS to the doctor on duty.
- The first aid provider must protect himself.
- Place contaminated clothing in a tightly closed bag for subsequent decontamination.

In case of inhalation
- Keep the rest.
- If necessary, consult a doctor.
- Remove to a ventilated place.
- If breathing is difficult, give artificial respiration.
- If necessary, consult a doctor.

In case of skin contact
- Remove contaminated clothing and shoes immediately.
- Wash with soap and plenty of water.
- Rinse immediately with plenty of water for at least 15 minutes.
- Consult a doctor if irritation develops and persists.

In case of contact with the eye
- Wash immediately with running water and also under the eyelids for at least 15 minutes.
- If eye irritation persists, consult a doctor

In case of ingestion
- DO NOT induce vomiting.
- Do not give anything to drink.
- If necessary, consult a doctor.

4.2 Most important symptoms and effects, acute and delayed
Effects
- Skin contact can aggravate pre-existing skin diseases
- Inhalation of the product can aggravate chronic respiratory problems, such as asthma, emphysema or bronchitis.

4.3 Indication of immediate medical attention and special treatment needed
Notes to doctor
- Treat according to symptoms.
- There is no specific antidote available.

5 - Medidas de combate a incêndio

5.1 Extinguishing media
Suitable extinguishing media
- Foam
- misted water
- Adapt fire-fighting measures to local conditions and the surrounding environment.
- Collect contaminated fire fighting water separately. It must not be sent to the drain pipe.

Unsuitable extinguishing agents
- High flow water jet

5.2 Special hazards arising from the substance or mixture
- In case of combustion, toxic gases are released
- Solid fuel.
- Risk of dust explosion.

5.3 Precautions for firefighters
Special equipment to protect people involved in fighting fires.
- Wear full protective clothing and self-contained breathing apparatus.
- Personal protective equipment: suitable protective gloves, safety glasses and protective clothing
- Wear self-contained breathing apparatus in case of fire.
- Personal protective equipment: suitable protective gloves, safety glasses and protective clothing
- Wear self-contained breathing apparatus for firefighting, if necessary.

Specific fire-fighting methods
- Use appropriate means to fight fires in the vicinity
- Stay in the direction of the wind.
- Evacuate personnel to safety areas.
- Cool the containers / tanks, spraying them with water.

6 - Medidas de controle para derramamento ou vazamento

6.1 Personal precautions, protective equipment and emergency procedures
- Avoid contact with skin and eyes.
- Do not breathe dust.
- Individual protection equipment
- Wear suitable gloves.
- Skin / eye protection
- Wear suitable protective equipment.
- Place warning signs in the contaminated area and do not allow access by unauthorized persons.
- Warning word
- Only trained employees with appropriate protective equipment can intervene.
- Aerate the area.

6.2 Environmental precautions
- Do not allow uncontrolled discharge of the product into the environment.
- Contain leaks.
- Make a dam to contain the spilled liquid.

6.3 Methods and materials for containment and cleaning
Recovery
- Recover as much product as possible.
- Collect the product by suitable means.
- Store in properly labeled containers.
- Keep in suitable closed containers until disposal.

Discard
- Treat recovered material as described in the "Disposal considerations" section.

Decontamination / cleaning.
- Wash with warm water.
- Recover wash water for later disposal.

6.4 Consultation with other sections
- 8. EXPOSURE CONTROL AND PERSONAL PROTECTION
- 13. CONSIDERATIONS ON TREATMENT AND DISPOSAL

7 - Manuseio e armazenamento

7.1 Precautions for safe handling
- Follow the instructions for use.
- Ground the installation electrically.
- Provide good ventilation for the work area (local exhaust ventilation, if necessary).
- Avoid the formation of dust.
- Provide adequate ventilation in places where dust is formed.
- Avoid inhalation, ingestion and contact with skin and eyes.
- For personal protection, see section 8.
- The product must only be handled by specially trained personnel.

Hygiene measures
- Emergency equipment immediately accessible, with instructions for use.
- Make sure that eye washers and safety showers are close to the workplace.
- Regular cleaning of equipment, work place and clothing.
- Keep personal protective equipment in good hygiene.
- Store personal protective equipment in a clean place away from the work area.
- Store work clothes separately. - Contaminated work clothing must not leave the workplace.
- Wash hands before work interruptions, and immediately after handling the product.
- Shower or bath at the end of work.
- Do not eat, drink or smoke while using.

7.2 Conditions for safe storage, including incompatibilities
Technical measures / Storage conditions
- Store in properly labeled containers.
- Do not allow it to come into contact with air.
- Protect from the action of light.
- Keep the container tightly closed and dry.
- Store away from open flames, heated surfaces and sources of ignition.
- Keep away from: Strong oxidizing agents

Packaging material
Suitable material
- Polyethylene

Inappropriate material
- Aluminum and its alloys.

Comments
- Cardboard paper barrels with polyethylene bag.
- Cardboard barrel with internal polyethylene packaging.

7.3 Specific end uses
- Contact your supplier for more information

8 - Controle de exposição e proteção individual

8.1 Control parameters
Components with workplace exposure limit values
Components p-methoxyphenol
TWA value type
Value 5 mg / m³
Hydroquinone components
TWA value type
Value 1 mg / m³
Base Limit values ??(TLV) of ACGIH in the USA

8.2 Exposure controls
Control measures
Engineering control measures
- Provide adequate ventilation.
- Dust must be extracted directly at the point of origin.
- Apply the technical measures to act according to the exposure limits related to the profession.
- Facilities and equipment that are easy to clean.

Individual protection measures
Breath protection
- Wear a respirator with an appropriate filter.

Hand protection
- If there is a risk of contact with hands, wear suitable gloves
- Rubber gloves
- Nitriles
- PVC
- long-sleeved gloves
- Please observe the instructions regarding permeability and breakthrough time that are provided by the supplier of the gloves. Also take into account the specific local conditions under which the product is used, as a danger of cutting, abrasion and contact time.
- Gloves must be inspected before use.
- Gloves must be discarded and replaced if there is any indication of degradation or wear by products

chemicals.

Protection of body and skin
- Choose body protection according to the amount and concentration of dangerous substances at the place of job.
- In case of contact with spray:
- or
- Handling of the molten product:
- Complete protective clothing
- Remove and wash contaminated clothing before using it again.

Hygiene measures
- Emergency equipment immediately accessible, with instructions for use.
- Make sure that eye washers and safety showers are close to the workplace.
- Regular cleaning of equipment, work place and clothing.
- Keep personal protective equipment in good hygiene.
- Store personal protective equipment in a clean place away from the work area.
- Store work clothes separately.
- Contaminated work clothing must not leave the workplace.
- Wash hands before work interruptions, and immediately after handling the product.
- Shower or bath at the end of work.
- Do not eat, drink or smoke while using.

Protective measures
- Personal protective equipment must be selected taking into account legal compliance and technical contribution of the Supplier.
- The selection of appropriate personal protective equipment should be based on an assessment of the characteristics of performance of protective equipment in relation to tasks) to be performed, current conditions, duration of use and risks.

Environmental risk controls
- Do not allow uncontrolled discharge of the product into the environment.
- Contain leaks.
- Make a containment dam of the spilled liquid

9 - Propriedades físicas e químicas

9.1 Information on basic physico-chemical properties
Aspect
Physical state: Mass., Crystalline solid powder
Physical state: liquid solid (> 55 ° C)
Color: white to cream
Phenolic mild odor
Odor Limit data not available
Molecular Weight 124.15 g / mol
pH 5.1 (3% (m / v)) Aqueous pKa solution: 10.0
Melting / freezing point
Melting point: approx. 55 - 58 ° C
Initial boiling point and boiling temperature range
Initial boiling point and boiling temperature range: 234 - 246 ° C
Flash point 131 ° C (1,018 hPa) closed cup
Evaporation rate (Butyl acetate = 1) data not available
Flammability (solid, gas) May form concentrations of combustible dust in the air.
It is not highly flammable
Method: A10 Flammability (solids)
Explosivity / flammability limit no data available
Auto-ignition temperature 421 ° C Relative auto-ignition temperature for solids
Vapor pressure 0.009 hPa (20 ° C)
Method: OECD Test Guideline 104
Steam density 4.2
Density approx. 0.58 g / cm3 (20 ° C)
Relative density 0.58 (20 ° C)
Solubility
Solubility in water: soluble 40 g / L (25 ° C)
Solubility in other solvents:
Acetone: 4,260 g / L (20 ° C) soluble
Ethanol: 4,550 g / L (20 ° C) soluble
Benzene: 700 g / L (20 ° C) soluble
carbon tetrachloride. : 30 g / L (20 ° C) soluble

Partition coefficient (n-octanol / water) log Pow: 1.3 (20 ° C)
Decomposition temperature data not available
Viscosity
Viscosity, dynamic: Not applicable, solid
Viscosity, kinematics: Not applicable, solid
Explosion hazards Non-explosive
Method: Guidelines for the EU A14 test
Oxidizing properties Not considered to be oxidizing., Relationship between structure and activity (SAR)

9.2 Other information
Surface tension Not considered as surfactants, Relationship between structure and activity (SAR)

10 - Estabilidade e reatividade

10.1 Reactivity
- Not classified as a reactivity hazard.

10.2 Chemical stability
- Stable at room temperature.

10.3 Possibility of hazardous reactions
- There is no dangerous polymerization.
- Does not decompose when used according to instructions.

10.4 Conditions to be avoided
- Heat, flames and sparks.
- Avoid the formation of dust.
- Risk of dust explosion.

10.5 Incompatible materials
- Reacts with the following substances:
- Strong foundations
- Strong oxidizing agents
- Acids

10.6 Hazardous decomposition products
Hazardous decomposition products
- By combustion or thermal decomposition (pyrolysis), releases:
- toxic vapors
- Carbon oxides (CO + CO2)
- (Phenol)

11 - Informações toxicológicas

11.1 Information on toxicological effects
Acute toxicity
Acute oral toxicity
p-methoxyphenol
LD50: approx. 1,630 mg / kg - Rat
This product is classified as acute toxicity category 4
Probe feeding
Bibliographic data

LD50: 1,000 - 2,000 mg / kg - Rat
This product is classified as acute toxicity category 4
Unpublished reports

Acute toxicity - Inhalation
data not available

Acute toxicity - Dermal
p-methoxyphenol
LD50:> 2,000 mg / kg - Rat, male and female
Method: Directive 67/548 / EEC, Annex V, B.3.
It is not classified as dangerous for acute dermal toxicity, according to the GHS.
No mortality was observed at this dose level.
Unpublished internal reports

Acute toxicity (other routes of administration)
data not available

Skin corrosion / irritation
p-methoxyfen
Bunny
Mild skin irritation
Method: OECD 404 Test Guideline
Unpublished internal reports

Serious eye damage / eye irritation
p-methoxyphenol
Irritating to eyes.
Bibliographic data

Respiratory or skin sensitization
p-methoxyphenol
Classified as a category 1 skin sensitizer, according to the GHS criteria.
Bibliographic data

Mutagenicity
In vitro genotoxicity
p-methoxyphenol
Mutagenicity (Salmonella typhimurium - reversal test)
Strain: Salmonella typhimurium
with or without metabolic activation

negative
Method: OECD Test Guideline 471
Unpublished internal reports

Chromosomal aberration test in vitro
Strain: human lymphocytes
with or without metabolic activation

negative
Method: Guidelines for OECD test 473
Unpublished internal reports

Gene mutation assays in mammalian cells.
Strain: Chinese hamster fibroblasts
with or without metabolic activation

negative
Method: OECD Test Guideline 476
Unpublished internal reports

In vivo genotoxicity
data not available

Carcinogenicity
p-methoxyphenol
Animal studies have shown a tumor-promoting effect
Local and weak carcinogen
results that cannot be extrapolated to man
Bibliographic data

Toxicity to reproduction and development
Reproductive toxicity and fertility
p-methoxyphenol
Reproduction and developmental toxicity screening study - Rat, male and female, Oral
General toxicity F1 NOAEL:> 300 mg / kg
NOAEL Parent fertility:> 300 mg / kg
Method: According to OECD method 422
Tube feeding, no change in fertility was observed,
Unpublished internal reports

Extended toxicity study during reproduction in a generation - Vole, male and female, Oral
General toxicity of NOAEL parents: 40 mg / kg / pc / day
NOAEL Parent fertility:> 250 mg / kg / pc / day

Target organs: Central nervous system
Method: OECD Test Guideline 443
No reproduction toxicity

General toxicity F1 NOAEL:> 250 mg / kg / pc / day
Developmental toxicity effects NOAEL F1:> 250 mg / kg / pc / day
no effect on development was observed

Developmental toxicity effects NOAEL F1 (Neurotoxicity):> 250 mg / kg / pc / day
no effect on development was observed
General toxicity of parents NOAEL Parent P1: 40 mg / kg / pc / day

NOAEL Parent P1 fertility:> 250 mg / kg / pc / day
Target organs: Central nervous system
no change in fertility was observed, tube feeding,
Unpublished internal reports

Developmental toxicity effects / Teratogenicity
p-methoxyphenol
Vole, female, Oral
General toxicity in NOAEL mothers: 100 mg / kg
NOAEL teratogenicity: 200mg / kg
Method: Gudeilines for OECD 414 test
Probe feeding, Fetotoxic effects considered as not significant since they were observed only in doses that also induce maternal toxicity,
Unpublished internal reports

Rabbit, Female, Oral
General toxicity in NOAEL mothers: 100 mg / kg / pc / day
NOAEL teratogenicity:> 250mg / kg / pc / day
Method: OECD Test Guideline 414
Tube feeding, no effect on development was observed,
Unpublished internal reports

Systemic toxicity to certain target organs
Specific target organ toxicity - single exposure
p-methoxyphenol
The substance or mixture is not classified as toxic to specific target organs, single exposure, according to GHS criteria.
Bibliographic data

Specific target organ toxicity - repeated exposure
p-methoxyphenol
The substance or mixture is not classified as toxic to specific target organs, repeated exposure, according to GHS criteria.
Bibliographic data

p-methoxyphenol
Oral - Vole, male and female
NOAEL: 150 mg / kg / pc / day
Method: OECD Test Guideline 422
Probe feeding
It is not considered as a possible cause of serious health effects in case of repeated exposures
Unpublished internal reports

Experience with human exposure
data not available
Carcinogenic, mutagenic and toxic effects to reproduction

Mutagenicity
p-methoxyphenol
Not classified as mutagenic, according to GHS criteria.

Aspiration hazard
data not available

12 - Informações ecológicas

12.1 Toxicity
Aquatic compartment
Acute toxicity to fish
p-methoxyphenol
LC50 - 96 h: 28.5 mg / l - Oncorhynchus mykiss (rainbow trout)
Flow test
Analytical monitoring: yes

Harmful to fish.
Fresh water
Bibliographic data

Acute toxicity to daphnia and other aquatic invertebrates
p-methoxyphenol
EC50 - 48 h: 3 mg / l - Daphnia magna (water flea or daphnia)
Static test
Analytical monitoring: yes
Method: Guidelines for OECD Test 202
Toxic to aquatic invertebrates.
Fresh water
Unpublished internal reports

Toxicity to aquatic plants
p-methoxyphenol
CE50r - 72 h: 54.7 mg / l - Pseudokirchneriella subcapitata (green alga)
Static test
Analytical monitoring: yes
Endpoint: Growth rate
Method: OECD Test 201 Guidelines
Harmful to algae.
Fresh water
Unpublished internal reports

NOEC - 72 h: 2.96 mg / l - Pseudokirchneriella subcapitata (green alga)
Static test
Analytical monitoring: yes
Endpoint: Growth rate
Method: OECD Test 201 Guidelines
No chronic adverse effects observed up to the limit of 1 mgL.
Fresh water
Unpublished internal reports

Toxicity to microorganisms
p-methoxyphenol
IC50 - 40 h: 171.4 mg / l - Tetrahymena pyriformis
Static test
Endpoint: Growth inhibition
Fresh water
Bibliographic data

Chronic toxicity to fish
data not available

Chronic toxicity to daphnia and other aquatic invertebrates
p-methoxyphenol
NOEC: 0.68 mg / l - 21 Days - Daphnia magna (water flea or daphnia)
Semi-static test
Analytical monitoring: yes
Endpoint: Reproduction test
Method: OECD test 211 guidelines
Harmful to aquatic invertebrates, with long lasting effects.
Fresh water
Unpublished internal reports

12.2 Persistence and degradability
Abiotic degradation
data not available

Physical-chemical and photo-chemical elimination
data not available

Biodegradation
Biodegradability
p-methoxyphenol
easy biodegradability study:
Method: Guidelines for the OECD 301 C test
86% - 28 Days

The substance meets the criteria for final aerobic biodegradability and biodegradability
Biochemical oxygen demand
innocuous: activated sludge
Bibliographic data

Degradability assessment
p-methoxyphenol
The product is considered to be rapidly degradable in the environment

12.3 Bioaccumulative potential
Partition coefficient (n-octanol / water)
p-methoxyphenol
Due to the n-octanol / water partition coefficient, accumulation in organisms is not expected.

Bioconcentration factor (FBC)
data not available

12.4 Mobility in soil
Adsorption potential (Koc)
p-methoxyphenol
Adsorption
Ground
Koc: 55.7
Log Koc: 4.01
Difficult mobility on the ground
Bibliographic data

known distribution for environmental compartments
p-methoxyphenol
Final product destination: Water
Relationship between structure and activity (SAR)

12.5 Results of PBT and vPvB assessment
p-methoxyphenol
This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered as being very persistent and not very bioaccumulative (vPvB).

12.6 Other adverse effects
Ecotoxicity assessment
Hazardous to the aquatic environment - Acute
p-methoxyphenol
Toxic to aquatic organisms.

Dangerous to the aquatic environment - Chronic.
p-methoxyphenol
Harmful to aquatic organisms, with long lasting effects.

13 - Considerações sobre destinação final

13.1 Waste treatment methods
Product layout
Prohibition
- Avoid release to the environment.
- Do not dispose of with household waste.
- It must be incinerated in an appropriate incineration plant by the competent authorities.

Recommendations on cleaning and disposal of packaging
- Dispose of the contents / container to an approved incineration plant.
- Do not dispose of the product in the trash.
- Do not dispose of with household waste.
- Empty the packaging completely before incineration.

- Drain carefully.
- It must be incinerated in an appropriate incineration plant by the competent authorities.
- The user's attention turns to the possible existence of regulations regarding disposal.
- Make the provision observing in agreement with the local responsible authority.

Measures for recovery or avoiding waste generation
- Do not dispose of with household waste.

14 - Informações sobre transporte

ADR not regulated
RID not regulated
IMDG not regulated
IATA not regulated
ADN / ADNR Not regulated

Note: The regulatory requirements mentioned above are those that are in force on the day of the update of the form. However, taking into account the continuous evolution of the regulations governing the transport of hazardous materials, it is advisable to check its validity with your commercial agency.

15 - Informações sobre regulamentações

15.1 Health, safety and environmental regulations / legislation specific for the substance or mixture
To our knowledge, no specific regulatory information.

15.2 Chemical safety assessment
Chemical safety assessment: A chemical safety assessment has been carried out for this substance

16 - Outras Informações

Full text of the H Declarations mentioned in sections 2 and 3.
- H302 Harmful if swallowed.
- H316 Causes moderate skin irritation.
- H317 May cause allergic skin reactions.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic organisms.
- H401 Toxic to aquatic organisms.
- H410 Very toxic to aquatic organisms, with long lasting effects.
- H412 Harmful to aquatic organisms, with long lasting effects.

Abbreviations and acronyms legend
- 8 hour average TWA, time weighted
- ADR: European Agreement on International Carriage of Dangerous Goods by Road.
- ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.
- RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
- IATA: International Air Transport Association.
- ICAO-TI: Technical instructions for safe transport of dangerous goods by air.
- IMDG: International Maritime Dangerous Goods.
- TWA: Time weighted average
- ATE: Estimated value of acute toxicity
- EC: European Community number
- CAS: Chemical Abstracts Service.
- LD50: Substance that causes 50% (half) of death in the group of animals under test (fatal median dose).
- LC50: Concentration of substance that causes 50% (half) of death in the group of test animals.
- EC50: Effective concentration of the substance causing a maximum of 50%.
- PBT: Persistent, bioaccumulative and toxic substance.
- vPvB: Very persistent and very bioaccumulative.
- GHS / CLP / SEA: Classification, labeling, packaging regulation
- DNEL: Derived No Effect Level
- PNEC: Predicted No Effect Concentration
- STOT: Specific Target Organ Toxicity

Not all acronyms listed above are referenced in this SDS.

The information contained in this MSDS is for reference purposes, and its current data is assigned according to the

our best scientific knowledge. However, they do not replace the rules and legislation in force. The data presented in this MSDS refer specifically to the product in question and cannot be considered when it is being used in combination with others. FISPQ does not exempt the user from complying with the applicable rules and legislation, and special rules regarding transport, storage, use and handling of the product must be observed.