

# Material Safety Data Sheet

## MELACIDE SC 40

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### 1: IDENTIFICATION OF THE PREPARATION AND THE COMPANY

- 1.1 Product trade name : **MELACIDE SC 40**
- 1.2 Use of the preparation : Antioxidant additive, antimelanosic, colour and texture stabiliser for fresh or frozen crustaceans and cephalopods.
- 1.3 Company identification : **TÉCNICAS QUÍMICAS INDUSTRIALES, S.A.**  
Address : Avda. del Rebullón - Polígono Industrial  
**36416 Puxeiros - MOS (SPAIN)**
- Telephone : (+34) 986 288 323  
Sanitary Registry No. : 31.01204/PO  
Emergency telephone number : (+34) 915 620 420

### 2: COMPOSITION / INFORMATION ON INGREDIENTS

#### INGREDIENTS

E-223 **Sodium metabisulphite** CAS# 7681-57-4 EC# 231-673-0



Xn Harmful  
R22 Harmful if swallowed  
R31 Contact with acids liberates toxic gas.

R41 Risk of serious damage to the eyes

E-301 **Sodium ascorbate** CAS# 134-03-2 EC# 205-126-1  
This substance is not classified in the Annex I in the Directive 67/548/EEC.

E-330 **Citric acid** CAS# 77-92-9 EC# 201-069-1  
This substance is not classified in the Annex I in the Directive 67/548/EEC.

E-331 iii **Trisodium citrate** CAS# 68-04-2 EC# 200-675-3  
This substance is not classified in the Annex I in the Directive 67/548/EEC.

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## 3: HAZARDS IDENTIFICATION

- Harmful if swallowed.
- Contact with acids liberates toxic gas.

## 4: FIRST AID MEASURES

- Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists, SEEK MEDICAL ADVICE.
- Inhalation: Remove from exposure, rest and keep warm. In severe cases, SEEK MEDICAL ADVICE.
- Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, SEEK MEDICAL ADVICE.
- Ingestion: Wash out mouth thoroughly with water and drink plenty of water. SEEK MEDICAL ADVICE.

## 5: FIRE-FIGHTING MEASURES

- Special risks : May form toxic fumes when strongly heated
- Suitable extinguishing media : To suit environment

## 6: ACCIDENTAL RELEASE MEDIA

- Wear appropriate protective clothing. Inform others to keep at a safe distance.
- Transfer to container and arrange removal by disposal company.
- Ventilate area to remove residual vapour.
- Any residues should be treated as for small spillages.

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## 7: HANDLING AND STORAGE

Handling: Keep away from acids. Contaminated clothing should be removed. A preventive protection of the skin is advisable. Wash hands after working.

Storage: Store in a cool and dry place (below 15° C), away from acids. Keep tightly closed and protected from direct sunlight and moisture.

## 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

The stability of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection : Required in presence of dust. Wear dust mask.

Eye protection : Required. Wear eye protection.

Hand protection : Required. Wear gloves.

Special hygiene measures : Change contaminated clothing. Wash hands after working.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Powder
Colour	: White
Odour	: Characteristic, slightly pungent
pH	: at 2%, 5.0 – 7.0
Solubility in water	: at 20°C, 350 – 400 g/l
Melting point	: Higher than 100°C, with carbonisation and decomposition.
Boiling point	: Not applicable, decomposition.
Ignition temperature	: Not applicable
Flash point	: Not applicable
Explosive limit	: Not applicable
Vapour pressure	: Not applicable
Density	: 0.98 – 1.25 g/cm <sup>3</sup>
Viscosity	: Not applicable
Evaporation rate	: Not applicable

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## 10: STABILITY AND REACTIVITY

Conditions to avoid : Strong heating (decomposition)  
Moisture (compresses and enables decomposition)

Materials to avoid : Oxidising agents and acids.

Hazardous decomposition Products : May develop toxic fumes when strongly heated.

## 11: TOXICOLOGICAL INFORMATION

Being it a preparation based on food additives, it does not present a hazardous toxicity. However, the product should be handled with the care usual when dealing with chemical products.

After ingestion : Irritation in the intestinal tract

After inhalation : Irritation of respiratory system.

After skin contact : May cause irritation of the skin or dermatitis.

After eye contact : Irritation, redness.

## 12: ECOLOGICAL INFORMATION

In high concentrations, it may present ecotoxic and biologic adverse effects, similar to the ones its main ingredient Sodium metabisulphite has.

## 13: DISPOSAL CONSIDERATIONS

Product : Chemical residues are generally classified as special waste and as such are covered by regulations which vary according to location. Contact your local authorities or pass to a chemical disposal company.

Packing : The disposal of packing has to be done following the national and local regulations.

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## 14: TRANSPORT INFORMATION

**RID / ADR** : Non-hazardous for road transport.  
**IMDG** : Non-hazardous for sea transport.  
**IATA** : Non-hazardous for air transport.

## 15: REGULATORY INFORMATION

Labelling according to EC Directives.

**Pictogram** : Xn  
Harmful  
**R phrases** : 22 – 31  
Harmful if swallowed. Contact with acids liberates toxic gas.  
41  
Risk of serious damage to the eyes  
**S phrases** : 25 – 46  
Avoid contact with eyes. If swallowed, seek medical advice immediately and show this container or label.

## 16: OTHER INFORMATION

Warranty:

The information stated in this security sheet is believed to be correct but does not purport to be all inclusive and shall only be used as a guide.

The reproduction of this security sheet is allowed for internal use only.

Security sheet generated following the model proposed in the Directive 91/155/CEE and amended later by the directive 2001/58/CE.

Date of issue : 08<sup>th</sup> February 2010  
Main sources of data : Security sheets of the components