



## Material Safety Data sheet

### Inducoat BV

Version I.0

Date 22/01/2008

Revision date : 19/01/2010

### 1. Identification of the substance/preparation and of the company/undertaking

**Product name and/or code** : Inducoat Cleaner

Kenmerkenblad nummer : IC/NL/0701

**Manufacturer** : Inducoat BV, PO box 2776, 3800 GJ Amersfoort, The Netherlands

Emergency Telephone : Inducoat 033 456 23 94  
: Telefax 033 456 25 94

### 2. Composition and information on ingrediënts.

This product is considered as dangerous and contains dangerous components.

Components	CAS- Nr / EG-nr	Symbols	R-sentences	Concentration
Coconutbenzylidimethyl ammoniumchloride	68424-85-1 / 270-325-2	N, Xi	R22, 34, 50	< 5 %

### 3. Hazards identification

Classification : Irritating for eyes and skin.

### 4. First Aid measures

Symptoms and effects : Irritating for eyes and skin.

General : In case of accident or not feeling well, seek immediately medical attention. Show label or the Safety Data Sheet.

Ingestion : Rinse mouth with water. Seek medical attention. Show label or the Safety Data Sheet.

Eye contact : Check for and remove contact lenses. Immediately flush eyes as long as possible with water. Keep eyelids open. Seek medical attention.

Skin contact : Remove contaminated clothing. Wash skin thoroughly with water and soap. Upon signs of skin irritation seek medical advice.

Inhalation : Remove to fresh air. If irregular breathing or respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical advice. Show label or the Safety Data Sheet.

### 5. Fire-fighting measures

Extinguishing media : Carbon dioxide, foam, powder or water spray.

Special fire-fighting : Wear breath protection equipment with fresh air supply.



procedures

Do not release runoff from fire to enter sewers or waterways.

Decomposition products : hydrogenchloride, carbonmonoxide, nitric gasses , (NO<sub>x</sub>)

## 6. Accidental release measures

Personal precautions : Wear suitable gloves and protective clothing.

Environmental precautions : Do not allow to enter drains or watercourses.

Spillage : Contain and collect spillage with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth, and place in container for disposal according to local regulations.  
In case of contamination of lakes, rivers or sewers, inform the appropriate authorities in accordance with local regulations.

## 7. Handling and storage

Handling : Eating, drinking and smoking should be prohibited in the areas where this product is handled and processed.  
Avoid contact with skin and eyes.  
Keep containers closed when not in use.  
Comply with health and safety at work laws.

Storage : Store in a well ventilated area, temperature 5-30 ° C, away from ignition sources. Keep from freezing.  
Containers that have been opened should be carefully resealed and kept upright to prevent spillage.

## 8. Exposure controls/personal protection

General : Provide adequate ventilation.

Never eat, drink or smoke in work areas. Practice good personal hygiene when using this product.  
Keep away from food, drink or animal foods.

Personal protection equipment

Hands : For prolonged or repeated handling use gloves.

Eyes : Use safety eyewear designed to protect against splash of liquids.

Skin and body : Personnel should wear protective clothing. Prevent contact with the skin and contamination of the clothing.

## 9. Physical and chemical properties

Physical state : Low viscosity liquid  
Colour : Transparent  
Odour : Characteristic odour  
Flashpoint : > 105 ° C  
Specific mass : 1.0 g/cm<sup>3</sup> at 20 ° C  
pH : 6-9



## 10. Stability and reactivity

Stable under conditions as mentioned under section 7

Dangerous reactions : None, under conditions mentioned in section 7

Dangerous decomposition : On fire , see section 5

## 11. Toxicological information

No experimental data on the product as such are available

On the ingredient:

Quarternary ammonium compound, benzyl-C8-C18-alkyldimethyl, chlorides :

Toxicological data                      Acute toxicity                      LD 50    Rat 200-2000 mg /kg

Not sensibilizing

Ames-test    not mutagenic.

## 12. Environmental-information

No experimental data on the product as such are available.

On the ingredient:

Quarternary ammonium compound, benzyl-C8-C18-alkyldimethyl, chlorides

Acute toxicity                      LC 50    96 hours    Fish    1-10 mg/l

Acute toxicity                      EC 50    48 hours    Daphnia    < 1 mg/l

Acute toxicity                      IC 50    72 hours    Algae    < 1 mg/l

Readily biological decomposition, > 60 % BOD, 28 days, Closed Bottle Test (OECD 301 D)

## 13. Disposal considerations

Product : Dispose in compliance with local regulations.

Contaminated packaging : Dispose in compliance with local regulations.

## 14. Transport information

Sea : according to IMDG/ IMO



Road : according to ADR/ RID

Air : according to IATA/ ICAO/ DGR

No restrictions apply to the product according the transport regulations.

## 15. Regulatory information.

Chemical description: quarternary ammoniumcompounds, benzyl-C8-C18-alkyldimethyl, chlorides

Symbol	:		Xi Irritant
			N Dangerous for the environment
R-sentences	:	R36/38 Irritating to skin and eyes. R 50 Very toxic to aquatic organisms	
S-sentences	:	S 2 Keep out of reach of children. S 21 When using do not smoke. S 26 In case of contact with eyes immediately flush with plenty of water and seek medical attention.  S 29 Do not empty into drains. S 37 Wear suitable gloves. S 46 If swallowed, seek medical advice immediately (show label where possible) S 60 This material and/or its container must be disposed of as hazardous waste. S 61 Avoid release in the environment. Refer to special instructions/material safety data sheet.	
VOC value	:	0 g /liter	

## 16. Other information

The information in this sheet complies with EU regulations.

The information in this sheet is based on the state of technology and applicable national legislation and regulations on the date of issue.

The manufacturer reserves all rights to change the contents of this sheet without notice. In case of changes a new sheet will be issued.

The user has the obligation to check each time this sheet is consulted, to check the date of publication. In the case of a publication date older than one year, the user must check with the manufacturer whether the contents of this sheet are still valid.

Since the manufacturer has no control over the actual application conditions of the product, the user bears full responsibility for compliance with applicable legal and regulatory directives.

Final determination of suitability of any material is the sole responsibility of the user, the manufacturer does not accept any liability based on the contents of this Safety Data Sheet.