



PROFESSIONAL CLEANING PRODUCTS

**PRODUCT INFORMATION SHEET**

# SANI-CLEAN

**PRODUCT INFORMATION:**

A food safe sanitizer & degreaser containing a quaternary ammonium compound proven to be effective against a wide range of bacteria, fungi & viruses. Designed for use as a cleaning & sanitising agent on floors, walls, tables etc. in food preparation areas, hospitals, canteens, restaurants or anywhere there may be a risk of contamination or cross infection.

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**ADVANTAGES:**

POWERFUL DISINFECTION:	Sani-Clean contains Benzalkonium Chloride a proven and powerful disinfectant against a wide range of micro-organisms such as MRSA, Staph, E. Coli, C.Difficile, Salmonella & Listeria.
FAST ACTING AND VERSATILE:	Effective within minutes of application and can be applied easily by spray or mop to all surfaces.
SAFE ON ALL SURFACES:	Once diluted can be wiped away easily from all hard surfaces leaving a hygienically clean surface with no streaks or stains
FOOD SAFE:	When used at a dilution of 1:20, is pH neutral & non-tainting.
PCS NO: 97157	Passed by the Dept. of Agriculture, Food & Marine in Ireland
BIODEGRADABLE:	Fully biodegradable.
SOLUBILITY:	100% soluble in water.

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**DIRECTIONS FOR USE:**

For food safe applications dilute 1:20. For heavier soiling dilute up to 1:5 & rinse with potable water. Apply with mop, spray, brush, sponge or mechanical cleaner. Rinse well after use when diluted less than 20:1. Do not mix with other detergents

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**PACKAGING:**

All our plastic drums are high molecular weight; high-density polyethylene designed to bring the product to the customer in perfect conditions.  
Size: 750ml Trigger Spray (RTU), 5Lt Drums, 20Lt Drums

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**QUALITY ASSURANCE:** This product is manufactured in Ireland to ISO 9002 quality standards & conforms to R.E.A.C.H & CLP regulations. Shelf life: Not less than 3 years.

# Safety Data Sheet

Corresponding to Regulation (EC) No 1272/2008 (CLP)

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## PRODUCT NAME: SANI-CLEAN

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

#### 1.1. Product identifier

Product Name SANI-CLEAN

Product No. KR 318

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

Identified uses: Cleaning agent

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

Supplier Cleanfast.ie  
Fastdeal Ltd t/a Cleanfast  
Ashleigh House, JFK Road, Dublin 12  
Tel: 1800 848700  
Email: [info@fastdeal.ie](mailto:info@fastdeal.ie)

1.4. Emergency Contact: National Poisons Information Centre, Beaumont Hospital,  
Beaumont Road, Dublin 9. Tel: +353(01)8092566

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification: Regulation (EC) No 1272/2008: H302, H315, H318

Human health: Harmful if swallowed. Causes Skin Irritation. Causes serious eye damage

Environment: This product is Readily Biodegradable and not expected to be hazardous to the environment.

#### 2.2. Label elements

Detergent Contains: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE.

Labelling: < 10% non-ionic & anionic surfactants



Labelling:

DANGER

WARNING

Hazard H302 Harmful if swallowed

Phrases H315 Causes skin irritation

H318 Causes serious eye damage

Precautionary Statements P102 Keep out of the reach of children

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves, eye & face protection

P301, IF SWALLOWED: Rinse out mouth immediately with water.

312,330 Call a poison centre or doctor/physician if you feel unwell.

P302, IF ON SKIN: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists

P362 Take off contaminated clothing & wash before reuse

P305, IF IN EYES: Flush eyes with water, remove contact lenses if present & continue rinsing. Immediately call a poison centre or doctor/physician

351, 338  
P501 Dispose of contents/container to in accordance with local regulations. Recover, reclaim or recycle, where possible

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

SODIUM HYDROXIDE CAS-No.: 1310-73-2	EC No.: 215-185-5	0-1%
Classification (EC 1272/2008) Skin Corr. 1A - H314		
CITRIC ACID 93BP CAS-No.: 77-92-9	EC No.:	0-1%
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335		
ALCOHOL ETHOXYLATE CAS-No.: 160901-19-9	EC No.:	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318		
TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8	EC No.: 200-573-9	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318		
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1	EC No.: 270-325-2	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400		
2-BUTOXYETHANOL CAS-No.: 111-76-2	EC No.: 203-905-0	1-5%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		
COCAMIDOPROPYL HYDROXYSULTAINE CAS-No.: 68139-30-0	EC No.: 268-761-3	1-5%
Classification (EC 1272/2008) Eye Irrit. 2 - H319		

A Full Text for all Hazard Statements are Displayed in Section 16

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation:	Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues.
Skin Contact:	Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists.
Eye Contact:	Flush eyes with water immediately. Obtain medical attention immediately
Ingestion:	DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
Protection of first aider:	Avoid ingestion, contact with skin and eyes (see Section 8.)

### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation:	Spray mists may cause respiratory tract irritation.
Ingestion:	May cause internal injury, pain and/or vomiting
Skin contact:	Irritating to skin. May burn the skin after prolonged contact
Eye contact:	Damaging to eyes, may lead to the product affecting the natural lubrication of the eye & cause redness &/or tearing

### 4.3. Indication of any immediate medical attention and special treatment needed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

## SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:	Water, Foam.
5.2 Unsuitable:	N/A
5.3 Specific Hazards:	Does not present any particular risk in the event of fire.
5.4 Special Equipment for the protection of Fire Fighters:	Fire fighters should wear self-contained breathing apparatus & body protective clothing

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:	Avoid contact with skin and eyes (see Section 8.)
6.2 Environmental Precautions:	No special measures required
6.3 Methods for Cleaning up:	Small Spills - Flush with water. Large Spills - Contain and collect spillage and absorb on to sand.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Handling

Technical Measures:	No special measures required.
Safe Handling Advice:	Avoid ingestion, contact with eyes and skin. Comply with instructions for use.

### 7.2 Storage

Technical Measures:	No special measures required.
Storage Conditions:	Store in a cool dry place.
Incompatible Products:	Acids, Strong Oxidizing Agents.
Packaging:	Plastic Drums.
Packaging Materials:	Recommended: Plastic Materials, Polyethylene, Polypropylene. Not Suitable - Uncoated Metal Drums.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Measures: No special measures required.

8.2 Personal Protection Equipment:



Respiratory Protection: Provide adequate ventilation in areas of confined space.  
Hand Protection: Use Chemical Resistant Gloves to EN Standard 374 Category III, Letter Code K  
Eye Protection: Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher  
Skin Protection: Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher

8.3 Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices.

8.4 Occupational Exposure Limits:

Name	STD	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15 minute reference period)		Notes
		ppm	mg/m3	ppm	mg/m3	
SODIUM HYDROXIDE	OELV	-		-	2	-
2 Butoxyethanol	OELV	20	98	50	246	Sk , IOELV

OELV = Occupational Exposure Limit Value.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- a) Appearance: Yellow Liquid
- b) Odour: Slight chemical
- c) Odour threshold: N/A
- d) pH: 7.5+/-0.5 undiluted
- e) Melting point / freezing point: No data available
- f) Initial boiling point & boiling range: No data available
- g) Flash point: No data available
- h) Evaporation rate: No data available
- i) Flammability solid, gas): No data available
- j) Upper/lower flammability or explosive limits: No data available
- k) Vapour pressure: No data available
- l) Vapour density: No data available
- m) Relative density: 1.01kg/dm<sup>3</sup>
- n) Solubility(ies): Soluble in Water
- o) Partition coefficient: n-octanol/water: No data available
- p) Auto-ignition temperature: No data available
- q) Decomposition temperature: No data available
- r) Viscosity: No data available
- s) Explosive properties: No data available

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## SECTION 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity:</u>	There are no known reactivity hazards associated with this product.
<u>10.2. Chemical stability:</u>	Stable under normal temperature conditions and recommended use.
<u>10.3. Possibility of hazardous reactions:</u>	Hazardous Polymerisation N/A
<u>10.4. Conditions to avoid:</u>	Avoid Extreme Temperatures. Avoid contact with acids &/or oxidising agents.
<u>10.5. Incompatible materials:</u>	Acids &/or oxidizing agents
<u>10.6. Hazardous decomposition products:</u>	None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

Inhalation:	Spray mists may cause respiratory tract irritation.
Ingestion:	May cause hematemesis, oesophageal and gastric perforation.
Skin contact:	Corrosive to the skin, causing ulceration and possibly dermatitis.
Eye contact:	Risk of serious damage to eyes

### 11.2. Toxicological information on ingredients:

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

##### Acute toxicity:

Acute Toxicity (Dermal LD50)  
1350 mg/kg Rabbit  
IUCLID chemical data sheet.

#### TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8

##### Acute toxicity:

Acute Toxicity (Oral LD50)  
1000 - 2000 mg/kg (rat)  
REACH dossier information  
Acute Toxicity  
No skin irritation (rabbit)  
OECD Test Guideline 404  
Acute Toxicity  
Eye irritation (rabbit)  
OECD Test Guideline 405

#### ALCOHOL ETHOXYLATE (CAS: 160901-19-9)

##### Acute toxicity:

Acute Toxicity (Oral LD50)  
> 5000 mg/kg Rat  
Acute Toxicity (Dermal LD50)  
> 2000 mg/kg Rat  
Acute Toxicity (Inhalation LC50)  
> 1.6 mg/l (dust/mist) Rat 4 hours  
REACH dossier information

#### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1)

##### Acute toxicity:

Acute Toxicity (Oral LD50)

150 mg/kg Mouse  
Acute Toxicity (Dermal LD50)  
1420 mg/kg Rat  
Miscellaneous information sources.

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### 2-BUTOXYETHANOL CAS-No.: 111-76-2

#### Acute toxicity:

Acute Toxicity (Oral LD50)  
1746 mg/kg Rat  
Acute Toxicity (Dermal LD50)  
0.63 mL/kg Rabbit  
Acute Toxicity (Inhalation LC50)  
450 ppm (vapours) Rat 4 hours  
REACH dossier information

### CITRIC ACID 93BP (CAS: 77-92-9)

#### Acute toxicity:

Acute Toxicity (Oral LD50)  
5200 mg/kg Rat  
Acute Toxicity (Dermal LD50)  
> 2000 mg/kg Rat  
REACH dossier information

## **SECTION 12: ECOLOGICAL INFORMATION**

### Eco-toxicity

This product is Readily Biodegradable and not expected to be hazardous to the environment.

### 12.1. Toxicity

Ecological information on ingredients:

### SODIUM HYDROXIDE (CAS: 1310-73-2)

Acute Toxicity - Fish  
LC50 96 hours 45.4 mg/l *Onchorhynchus mykiss* (Rainbow trout)  
IUCLID chemical data sheet.

### TETRASODIUM ETHYLENE DIAMINE TETRAACELATE CAS-No.: 64-02-8

Acute Toxicity - Fish :  
LC50 96 hours > 500 mg/l *Leuciscus idus* (Golden orfe)  
EC50 Static Test > 100 mg/l (*Lepomis macrochirus*)  
Acute Toxicity - Aquatic Invertebrates  
EC50 48 hours >100mg/l *Daphnia magna*  
EC50 24 hours 1033 mg/l *Daphnia magna*  
Method: OECD 202  
Acute Toxicity - Algae :  
EC50 72 hours > 100 mg/l *Desmodesmus subspicatus* (green algae)  
Method: OECD 201

### ALCOHOL ETHOXYLATE (CAS: 160901-19-9)

Acute Toxicity - Fish  
LC50 96 hours 0.59 mg/l *Pleuronectes platessa*  
REACH dossier information  
Acute Toxicity - Aquatic Invertebrates  
EC50 48 hours 0.14 mg/l *Daphnia magna*  
REACH dossier information  
Acute Toxicity - Aquatic Plants  
EC50 72 hours 0.75 mg/l *Selenastrum capricornutum*

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### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1)

Acute Toxicity - Fish

LC50 96 hours 0.31 mg/l *Lepomis macrochirus* (Bluegill)

Miscellaneous information sources.

### BUTYL GLYCOL (CAS: 111-76-2)

Acute Toxicity - Fish

LC50 96 hours 1474 mg/l *Onchorhynchus mykiss* (Rainbow trout)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 1550 mg/l *Daphnia magna*

REACH dossier information

Acute Toxicity - Aquatic Plants

EC50 72 hours 911 mg/l *Pseudokirchnerella subcapitata*

REACH dossier information

NOEC 72 hours 88 mg/l *Pseudokirchnerella subcapitata*

REACH dossier information

### CITRIC ACID 93BP (CAS: 77-92-9)

Acute Toxicity - Fish

LC50 48 hours 440 mg/l *Leuciscus idus* (Golden orfe)

REACH dossier information

Acute Toxicity - Aquatic Invertebrates

LC50 24 hours 1535 mg/l *Daphnia magna*

REACH dossier information

Acute Toxicity - Aquatic Plants

Toxicity threshold 192 hours 640 mg/l *Scenedesmus quadricauda*

REACH dossier information

NOEC 192 hours 425 mg/l *Scenedesmus quadricauda*

REACH dossier information

### 12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Ecological information on ingredients.

### ALCOHOL ETHOXYLATE (CAS: 160901-19-9)

Biodegradation. Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable.

### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients

### ALCOHOL ETHOXYLATE (CAS: 160901-19-9)

Bioaccumulation factor

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## 12.4. Mobility in soil

Mobility: The product is soluble in water

## 12.5. Results of PBT and vPvB assessment

Not determined.

## 12.6. Other adverse effects

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

General information: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority

### 13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

## **SECTION 14: TRANSPORT INFORMATION**

The product is not covered by international regulation on the transport of dangerous goods:

<b>REGULATIONS</b>	<b>CLASS</b>
RID/ADR:	Not Classified
ICAO/IATA-DGR:	Not Classified
GGVSee/IMDG-Code:	Not Classified

### 14.1. UN number

N/A

### 14.2. UN proper shipping name

N/A

### 14.3. Transport hazard class(es)

N/A

### 14.4. Packing Group

N/A

### 14.5. Environmental Hazards

Environmentally Hazardous Substance/Marine Pollutant: N/A

### 14.6. Special precautions for user

NA

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N/A

## **SECTION 15: REGULATORY INFORMATION**

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

### Statutory Instruments

Corresponding to Preparations Regulations S.I. No. 62 of 2004

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### Guidance Notes

Workplace Exposure Limits EH40.

### EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

### Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

Revision Date: 01.01.17

Revision No: 4

Replaces version of: 01.01.14

### Hazard Statements In Full

H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life

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The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.