

SAFETY DATA SHEET CHANNEL BLOCKS non pDCB

According to Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name CHANNEL BLOCKS non pDCB
Product No. TCDCHANNEL

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

Identified uses Urinal blocks.

1.3. Details of the supplier of the safety data sheet

Supplier Kitchenmaster NI Ltd
11 Comber Road
Belfast
BT8 8AN
Tel. 028 90814777
Fax. 028 90812881
email: sds@kitchenmaster-ni.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R41.

Human health

Risk of serious damage to eyes.

Environment

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

2.2. Label elements

Detergent Labelling:

15 - < 30%	non-ionic surfactants
< 5%	anionic surfactants
	perfumes
Contains	LINALOOL,LIMONENE

Labelling



Irritant

Risk Phrases

R41 Risk of serious damage to eyes.

Safety Phrases

S2	Keep out of the reach of children.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.
S39	Wear eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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1,1,6,7-TETRAMETHYL-6-ACETYLDECALENE		< 1
CAS-No.: 54464-57-2	EC No.: 259-174-3	
Classification (EC 1272/2008) Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R51/53.	
2-TERTIARY-BUTYLCYCLOHEXYLACETATE		< 1
CAS-No.: 88-41-5	EC No.: 201-828-7	
Classification (EC 1272/2008) Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R51/53.	
AMIDES, COCO, N-(HYDROXYETHYL)		10-30%
CAS-No.: 68140-00-1	EC No.: 268-770-2	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	
SODIUM DODECYLBENZENE SULPHONATE		1-5%
CAS-No.: 25155-30-0	EC No.: 270-115-0	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R38,R41.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

General first aid, rest, warmth and fresh air.

Ingestion

Immediately rinse mouth and provide fresh air. Get medical attention. Do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation.

No specific symptoms noted.

Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

May cause blurred vision and serious eye damage.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Not relevant

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

During fire, toxic gases (CO, CO₂) are formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

In case of fire, toxic gases may be formed (CO_x, NO_x). Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Small Spillages: No specific clean-up procedure noted. Large Spillages: Collect spillage with shovel, broom or the like and reuse, if possible.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 0°C and 30°C.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Rubber gloves are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Use eye protection.

Hygiene measures

Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Blue.
Odour	Ocean.
Solubility	Soluble in water. (Slowly).
pH-Value, Diluted Solution	6.0 - 8.0 @ 1%

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Avoid heat.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

Risk of serious damage to eyes. May cause blurred vision and serious eye damage.

Toxicological information on ingredients.

1.1.6.7-TETRAMETHYL-6-ACETYLDECALENE (CAS: 54464-57-2)

Acute toxicity:

Acute Toxicity (Oral LD50)

890 mg/kg Rat

Miscellaneous information sources.

2-TERTIARY-BUTYLCYCLOHEXYLACETATE (CAS: 88-41-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

4600 mg/kg Rat

Miscellaneous information sources.

Acute Toxicity (Dermal LD50)

> 5000 mg/kg Rabbit

Miscellaneous information sources.

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SODIUM DODECYLBENZENE SULPHONATE (CAS: 25155-30-0)

Acute toxicity:

Acute Toxicity (Oral LD50)

438 mg/kg Rat

Miscellaneous information sources.

AMIDES, COCO, N-(HYDROXYETHYL) (CAS: 68140-00-1)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 3125 mg/kg Rat

IUCLID chemical data sheet.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Ecological information on ingredients.

1.1.6.7-TETRAMETHYL-6-ACETYLDECALENE (CAS: 54464-57-2)

No information available.

2-TERTIARY-BUTYLCYCLOHEXYLACETATE (CAS: 88-41-5)

No information available.

SODIUM DODECYLBENZENE SULPHONATE (CAS: 25155-30-0)

Acute Toxicity - Fish

NOEC 72 hours 3.1 mg/l Oncorhynchus kisutch

Miscellaneous information sources.

Acute Toxicity - Aquatic Invertebrates

NOEC 168 hours 4 mg/l Daphnia magna

Miscellaneous information sources.

AMIDES, COCO, N-(HYDROXYETHYL) (CAS: 68140-00-1)

Acute Toxicity - Fish

LC50 48 hours 13.5 mg/l Leuciscus idus (Golden orfe)

IUCLID chemical data sheet.

Acute Toxicity - Aquatic Invertebrates

EC50 24 hours 10 mg/l Daphnia magna

IUCLID chemical data sheet.

Acute Toxicity - Aquatic Plants

EC50 96 hours 1 mg/l Scenedesmus subspicatus

IUCLID chemical data sheet.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

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

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Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

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 05-2012

Revision 1

Supersedes date 06-2010

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Risk Phrases In Full

R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H318	Causes serious eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H411	Toxic to aquatic life with long lasting effects.