



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

1.1. Product identifier

Product name: CUBE URINOIR NEUTRE 1KG Product
code: 504964

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

WC detergent

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

company name: PRODIFA SAS
Address : ZAE LES DIX MUIDS 59770 MARLY.France.
Telephone : +33 3 27 28 19 19. Fax: +33 3 27 28 19 10.
info@prodifa.com
<http://www.prodifa.com/>

1.4. Emergency telephone number : + 33 383 323 636

Association/Organisation : . Centre anti poison de Nancy

Other emergency numbers

National Poisons Information Service (Birmingham Unit) : 844 892 0111

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).
Serious eye damage, Category 1 (Eye Dam. 1, H318).
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC 270-115-0

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE)

Hazard statements :

H315

Causes skin irritation.

H318

Causes serious eye damage.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P102

Keep out of reach of children.

Precautionary statements - Prevention :

- P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment.
Precautionary statements - Response :
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 68411-30-3	GHS07, GHS05		25 \leq x % < 50
EC: 270-115-0	Dgr		
REACH: 01-2119489428-22	Acute Tox. 4, H302 Skin Irrit. 2, H315		
SODIUM C10-13 ALKYL BENZENE	Eye Dam. 1, H318		
SULFONATE (SODIUM DODECYL BENZENE SULFONATE)	Aquatic Chronic 3, H412		

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
Watch out for any remaining product between skin and clothing, watches, shoes, etc.
If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.
In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Retrieve the product by mechanical means (sweeping/vacuuming).

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe

handling Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage,

including any incompatibilities No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

Final use:

Exposure method:

Potential health effects:

DNEL :

Workers.

Dermal contact.

Long term systemic effects.

170 mg/kg de poids corporel/jour

Exposure method:

Potential health effects:

Inhalation.

Long term systemic effects.

DNEL : 12 mg de substance/m3

Final use:

Exposure method:
Potential health effects:
DNEL :
Exposure method:
Potential health effects:
DNEL :

Consumers.

Ingestion.
Long term systemic effects.
0.85 mg/kg de poids corporel/jour
Dermal contact.
Long term systemic effects.
85 mg/kg de poids corporel/jour

Exposure method:
Potential health effects:
DNEL :
Inhalation.
Long term systemic effects.
3 mg de substance/m3

Predicted no effect concentration (PNEC):

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

Environmental compartment:
PNEC :
Fresh water.
0.268 %@IDC_PNEC_EAU_DOUCE_UNITS

Environmental compartment:
PNEC :
Sea water.
0.0268 %@IDC_PNEC_EAU_MER_UNITS

Environmental compartment:
PNEC :
Intermittent waste water.
0.0167 %@IDC_PNEC_EAU_INTERMITTENT_UNITS

Environmental compartment:
PNEC :
Fresh water sediment.
8.1 %@IDC_PNEC_SEDIMENT_EAU_DOUCE_UNITS

Environmental compartment:
PNEC :
Waste water treatment plant.
3.43 %@IDC_PNEC_TRAITEMENT_EAU_UNITS

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face

protectionAvoid contact
with eyes.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.
Prescription glasses are not considered as protection.
Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
Gloves must be selected according to the application and duration of use at the workstation.
Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
Recommended properties :

- Impervious gloves in
accordance with standard
EN374

- Body protectionAvoid skin
contact.

Wear suitable protective clothing.
Suitable type of protective clothing :
Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1 to prevent skin contact.
Work clothing worn by personnel shall be laundered regularly.
After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Avoid breathing dust.
Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Solid.
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Color:	Blue
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Important health, safety and environmental information

pH :	Not relevant.
Boiling point/boiling range :	Not relevant.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	Not stated.
Water solubility :	Soluble.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section

7. 10.3. Possibility of hazardous reactions No data available.**10.4. Conditions to avoid**

Avoid :

- formation of dusts
- heating
- heat

Dusts can form an explosive mixture with air.

10.5. Incompatible materials

Keep away from :

- combustible material

10.6. Hazardous decomposition products The

thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

11.1.1. Substances**Acute toxicity :**

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

Oral route : LD₅₀ = 1080 mg/kg
Species : Rat**Germ cell mutagenicity :**

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

No mutagenic effect.

Carcinogenicity :

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

Carcinogenicity Test : Negative.

No carcinogenic effect.

Reproductive toxicant :

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)
No toxic effect for reproduction

Specific target organ systemic toxicity - repeated exposure :

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)
Oral route : C = 125 mg/kg poids corporel/jour
Species : Rat
Duration of exposure : 28 jours

11.1.2. Mixture

No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

Fish toxicity : LC50 = 1.67 mg/l
Duration of exposure : 96 h

0,1 < NOEC <= 1 mg/l

Crustacean toxicity : EC50 = 2.9 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

0,1 < NOEC <= 1 mg/l

Algae toxicity : ECr50 = 29 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 96 h

NOEC > 1 mg/l

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

The surfactants contained in the product correspond to the direction on the environmental compatibility of detergents and are biodegradable (EC N°648/2004).

12.2.1. Substances

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

SODIUM C10-13 ALKYL BENZENE SULFONATE (SODIUM DODECYL BENZENE SULFONATE) (CAS: 68411-30-3) Octanol/water
partition coefficient : log K_{ow} = 3.4

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 IMDG 2014 - ICAO/IATA 2015).

SECTION 15 : REGULATORY INFORMATION

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

- **Classification and labelling information included in section 2:** The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

- Container information:

No data available.

- **Particular provisions :** No data available.

- **Labelling for detergents (EC Regulation No. 648/2004,907/2006) :**

- 30 % and more : anionic surfactants

- perfumes

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungsklasse (Water Hazard Class).

GHS05 : Corrosion

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.