

DECAP



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 : DECAP

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

Hyperactive solvated detergent

For professional use only.

Replace version CLP n°1 (20/10/2015)

1.3. Details of the supplier of the safety data sheet

Registered company name : RCR PRODUCTION France (Distributor).

Address : ZA Les Monts du Matin - 63, rue des Lauriers.26730.LA BAUME D'HOSTUN.France.

Telephone : +33 (0)4 75 48 37 50. Fax : +33 (0)4 75 48 30 03.

production.labaume@rcrproductionfrance.com

www.rcrproductionfrance.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Skin corrosion, Category 1B (Skin Corr. 1B, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

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



GHS07

Signal Word :

DANGER

Product identifiers :

EC 215-181-3

POTASSIUM HYDROXIDE

EC 232-433-8

ORANGE OIL

Hazard statements :

H314

Causes severe skin burns and eye damage.

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P273

Avoid release to the environment.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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Precautionary statements - Response :

P301 + P330 + P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils 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: 111-76-2 EC: 203-905-0 REACH: 01-2119475108-36-0002 2-BUTOXYETHANOL	GHS07 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	[1]	10 <= x % < 25
CAS: 1310-58-3 EC: 215-181-3 REACH: 01-2119487136-33-xxxx POTASSIUM HYDROXIDE	GHS07, GHS05 Dgr Met. Corr. 1, H290 Acute Tox. 4, H302 Skin Corr. 1A, H314	[1]	2.5 <= x % < 10
CAS: 94441-92-6 EC: 305-318-6 OCTYLIMINODIPROPIONATE	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318		2.5 <= x % < 10
CAS: 26183-52-8 ALCOOL C10 + 4EO	GHS07 Wng Eye Irrit. 2, H319		1 <= x % < 2.5
CAS: 8028-48-6 EC: 232-433-8 REACH: 01-2119493353-35-0003 ORANGE OIL	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		1 <= x % < 2.5

(Full text of H-phrases: see section 16)

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

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 exposure by inhalation :

If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.

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In the event of splashes or contact with eyes :

Wash thoroughly with fresh, 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.

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.
Remove any soiled or splashed clothing immediately.
Watch out for any remaining product between skin and clothing, watches, shoes, etc.
In the event of an allergic reaction, seek medical attention.
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.
Keep the person exposed at rest. Do not force vomiting.
Seek medical attention immediately, showing the label.
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show 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

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- powder

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

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).

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6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material in plentiful quantity from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

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.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

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

Fire prevention :

Handle in well-ventilated areas.

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.

Packages which have been opened must be reclosed carefully and stored in an upright position.

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

Conditions to avoid and/or incompatible materials, see Section 10.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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

Occupational exposure limits :

- European Union (2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m ³ :	VME-ppm :	VLE-mg/m ³ :	VLE-ppm :	Notes :
111-76-2	98	20	246	50	Peau

- France (INRS - ED984 :2016) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
111-76-2	10	49	50	246	*	84
1310-58-3	-	-	-	2	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

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CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
111-76-2	25 ppm 123 mg/m ³	50 ppm 246 mg/m ³		Sk, BMGV	
1310-58-3	- ppm - mg/m ³	- ppm 2 mg/m ³			

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

ORANGE OIL (CAS: 8028-48-6)

Final use:

Exposure method:
 Potential health effects:
 DNEL :

Exposure method:
 Potential health effects:
 DNEL :

Exposure method:
 Potential health effects:
 DNEL :

Final use:

Exposure method:
 Potential health effects:
 DNEL :

Exposure method:
 Potential health effects:
 DNEL :

Exposure method:
 Potential health effects:
 DNEL :

Exposure method:
 Potential health effects:
 DNEL :

Workers.

Dermal contact.
 Long term local effects.
 8.89 mg/kg body weight/day

Dermal contact.
 Short term local effects.
 185.8 µg of substance/cm²

Inhalation.
 Long term local effects.
 31.1 mg of substance/m³

Consumers.

Ingestion.
 Long term local effects.
 4.44 mg/kg body weight/day

Dermal contact.
 Long term local effects.
 4.44 mg/kg body weight/day

Dermal contact.
 Short term local effects.
 92.9 µg of substance/cm²

Inhalation.
 Long term local effects.
 7.78 mg of substance/m³

POTASSIUM HYDROXIDE (CAS: 1310-58-3)

Final use:

Exposure method:
 Potential health effects:
 DNEL :

Final use:

Exposure method:
 Potential health effects:
 DNEL :

Workers.

Inhalation.
 Long term local effects.
 1 mg of substance/m³

Consumers.

Inhalation.
 Long term local effects.
 1 mg of substance/m³

Predicted no effect concentration (PNEC):

ORANGE OIL (CAS: 8028-48-6)

Environmental compartment:
 PNEC : Soil.
 0.261 mg/kg

Environmental compartment:
 PNEC : Fresh water.
 5.4 mg/l

Environmental compartment:
 Sea water.

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PNEC :	0.54 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 5.77 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 1.3 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.13 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 2.1 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



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 protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

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.

Type of gloves recommended :

- Natural latex
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

Wear suitable protective clothing and, in particular, an apron and boots. These items of clothing shall be maintained in good condition and cleaned after use.

Suitable type of protective boots :

In the event of prolonged contact, wear boots or half-boots with liquid-chemical-resistant and waterproof soles and uppers in accordance with standard EN13832-3.

Work clothing worn by personnel shall be laundered regularly.

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After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

In normal conditions of use with sufficient conditions of ventilation, no protection is necessary.

When the workers are confronted with concentrations superior to exposure limits, they have to wear appropriate and approved masks. Use a respiratory system with filter of type ABEK-P2 or an adequate combined filter in compliance with the EN standard 14387.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : Fluid liquid.

Important health, safety and environmental information

pH : 12.50 >.
Strongly basic.

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Below 110 kPa (1.10 bar).

Density : > 1

Water solubility : Dilutable.

Viscosity: $\nu < 7 \text{ mm}^2/\text{s}$ (40°C)

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

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

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials

Keep away from :

- acids

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

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

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SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure between three minutes and one hour.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

May cause an allergic reaction by skin contact.

11.1.1. Substances

Acute toxicity :

ORANGE OIL (CAS: 8028-48-6)

Oral route :

LD50 > 5000 mg/kg

Species : Rat

Dermal route :

LD50 > 5000 mg/kg

Species : Rabbit

OCTYLIMINODIPROPIONATE (CAS: 94441-92-6)

Oral route :

LD50 > 5000 mg/kg

Species : Rat

POTASSIUM HYDROXIDE (CAS: 1310-58-3)

Oral route :

LD50 = 333 mg/kg

Species : Rat

OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)

2-BUTOXYETHANOL (CAS: 111-76-2)

Oral route :

LD50 = 1746 mg/kg

Species : Rat

Dermal route :

LD50 > 2000 mg/kg

Species : Guinea pig

OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/skin irritation :

2-BUTOXYETHANOL (CAS: 111-76-2)

Effect observed : Primary dermal irritation index (PDII)

Species : Rabbit

Other guideline

Serious damage to eyes/eye irritation :

ALCOOL C10 + 4EO (CAS: 26183-52-8)

Causes serious eye irritation.

Corneal haze :

2 <= Average score < 3 and effects totally reversible within 21 days of observation

Iritis :

1 <= Average score <= 1.5 and effects totally reversible within 21 days of observation

Conjunctival redness :

Average score >= 2.5 and effects totally reversible within 21 days of observation

Conjunctival oedema :

Average score >= 2 and effects totally reversible within 21 days of observation

2-BUTOXYETHANOL (CAS: 111-76-2)

Causes serious eye irritation.

Corneal haze :

2 <= Average score < 3 and effects totally reversible within 21 days of observation

Species : Rabbit

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	REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)
Iritis :	1 <= Average score <= 1.5 and effects totally reversible within 21 days of observation Species : Rabbit REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)
Conjunctival redness :	Average score >= 2.5 and effects totally reversible within 21 days of observation Species : Rabbit REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)
Conjunctival oedema :	Average score >= 2 and effects totally reversible within 21 days of observation Species : Rabbit REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)

Respiratory or skin sensitisation :

2-BUTOXYETHANOL (CAS: 111-76-2) Guinea Pig Maximisation Test (GMPT) :	Non-sensitiser. Species : Guinea pig
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Germ cell mutagenicity :

POTASSIUM HYDROXIDE (CAS: 1310-58-3)	No mutagenic effect.
2-BUTOXYETHANOL (CAS: 111-76-2)	No mutagenic effect.

Carcinogenicity :

POTASSIUM HYDROXIDE (CAS: 1310-58-3) Carcinogenicity Test :	Negative. No carcinogenic effect.
2-BUTOXYETHANOL (CAS: 111-76-2) Carcinogenicity Test :	Negative. No carcinogenic effect.

Reproductive toxicant :

POTASSIUM HYDROXIDE (CAS: 1310-58-3) No toxic effect for reproduction	
2-BUTOXYETHANOL (CAS: 111-76-2) No toxic effect for reproduction	

11.1.2. Mixture

No toxicological data available for the mixture.

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

12.1. Toxicity

12.1.1. Substances

ORANGE OIL (CAS: 8028-48-6) Fish toxicity :	LC50 = 0.7 mg/l Species : Pimephales promelas Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
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	0,001 < NOEC <= 0,01 mg/l Factor M = 1 Species : Pimephales promelas OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 = 0.67 mg/l Species : Daphnia magna Duration of exposure : 48 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
	0,001 < NOEC <= 0,01 mg/l Factor M = 1 Species : Daphnia magna
Algae toxicity :	ECr50 = 150 mg/l Species : Desmodesmus subspicatus Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)
	0,001 < NOEC <= 0,01 mg/l Factor M = 1 Species : Desmodesmus subspicatus
ALCOOL C10 + 4EO (CAS: 26183-52-8) Fish toxicity :	Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 7.8 mg/l Duration of exposure : 48 h OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 = 6.3 mg/l Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)
OCTYLIMINODIPROPIONATE (CAS: 94441-92-6) Fish toxicity :	LC50 > 100 mg/l Species : Oncorhynchus mykiss Duration of exposure : 96 h
Crustacean toxicity :	EC50 > 100 mg/l Species : Daphnia magna Duration of exposure : 48 h
POTASSIUM HYDROXIDE (CAS: 1310-58-3) Fish toxicity :	LC50 = 80 mg/l Species : Gambusia affinis Duration of exposure : 96 h
2-BUTOXYETHANOL (CAS: 111-76-2) Fish toxicity :	LC50 = 1474 mg/l Species : Oncorhynchus mykiss Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 = 1550 mg/l Duration of exposure : 48 h

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Algae toxicity :
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
ECr50 = 1840 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

12.1.2. Mixtures

Any flow of the pur product in plentiful quantity into drains or waterways must be avoided.

12.2. Persistence and degradability

12.2.1. Substances

ORANGE OIL (CAS: 8028-48-6) Biodegradability :	Rapidly degradable.
ALCOOL C10 + 4EO (CAS: 26183-52-8) Biodegradability :	Rapidly degradable.
OCTYLIMINODIPROPIONATE (CAS: 94441-92-6) Biodegradability :	Rapidly degradable.
2-BUTOXYETHANOL (CAS: 111-76-2) Biodegradability :	Rapidly degradable.

12.3. Bioaccumulative potential

No data available.

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

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

14.1. UN number

3266

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14.2. UN proper shipping name

UN3266=CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
(potassium hydroxide)

14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

II

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C5	II	8	80	1 L	274	E2	2	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	8	-	II	1 L	F-A,S-B	274	E2

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	II	851	1 L	855	30 L	A3 A803	E2
	8	-	II	Y840	0.5 L	-	-	A3 A803	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

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. 2018/1480 (ATP 13)

- Container information:

No data available.

- Particular provisions :

No data available.

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

- less than 5 % : amphoteric surfactants

- less than 5 % : nonionic 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.

The classification of the mixture according to the Regulation (EC) N° 1272/2008 [CLP] is established by method of calculation

Wording of the phrases mentioned in section 3 :

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic 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.

GHS05 : Corrosion

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

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Difference Report

Revision: 05/08/2019 / Version CLP : N°2

Revision: 20/10/2015 / Version CLP : N°1

SECTION 2 : HAZARDS IDENTIFICATION

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

Serious eye damage, Category 1 (Eye Dam. 1, H318).

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Composition :

CAS: 166736-08-9 ALCOOL-ETHOXYLE	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		1 <= x % < 2.5
CAS: 26183-52-8 ALCOOL C10 + 4EO	GHS07 Wng Eye Irrit. 2, H319		1 <= x % < 2.5

SECTION 7 : HANDLING AND STORAGE

7.2. Conditions for safe storage, including any incompatibilities

Conditions to avoid and/or incompatible materials, see Section 10.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

When the workers are confronted with concentrations superior to exposure limits, they have to wear appropriate and approved masks. Use a respiratory system with filter of type ABEK-P2 or an adequate combined filter in compliance with the EN standard 14387.

SECTION 10 : STABILITY AND REACTIVITY

10.5. Incompatible materials

- acids

SECTION 11 : TOXICOLOGICAL INFORMATION

All the information on this substance is deleted in this section :

ALCOOL-ETHOXYLE (CAS: 166736-08-9)

See Section 11 of the FDS for the new toxicologiques information of this substance :

ALCOOL C10 + 4EO (CAS: 26183-52-8)

SECTION 12 : ECOLOGICAL INFORMATION

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

All the information on these substances is deleted in this section :

ALCOOL-ETHOXYLE (CAS: 166736-08-9)

See Section 12 of the FDS for the new ecological information of this substance :

ALCOOL C10 + 4EO (CAS: 26183-52-8)

SECTION 14 : TRANSPORT INFORMATION

~~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 2016).~~

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

SECTION 15 : REGULATORY INFORMATION

- Classification and labelling information included in section 2:

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

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

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- ~~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.~~
 - EU Regulation No. 1272/2008 amended by EU Regulation No. 2018/1480 (ATP 13)