

SAFETY DATA SHEET

SECTION 1: identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product code [OIR001] 484000000782
Trade name *Wpro*
ACTIV'FRY

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

Strips fryers, ovens, grills, rotisseries.

1.3 Details of the supplier of the safety data sheet

Distributor WHIRLPOOL EUROPE S.R.L.
Address Viale Guido Borghi, 27
21025 COMERIO (VA) - Italy
Telephone number +39 (0) 322 759111
E-mail address sicurezza@dgsasrl.it
Manufacturer ORAPI EUROPE DIVISION PRIVATE LABEL
Address Parc Industriel de la plaine de l'Ain, 225, Allée des Cèdres
F-01150 SAINT VULBAS - France
Telephone number +33 (0) 474402000
E-mail address fds@oapi.com

1.4 Emergency telephone number

For urgent safety information call the Anti-Poison Center of your country. Check the emergency list on page 7.

SECTION 2: hazards identification

2.1 Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.2 Classification according to Directive No 1999/45/CE

Corrosive
R35 Causes severe burns

2.2 Label elements

Labelling according to Directive 1999/45/CE

Hazard symbols:



CORROSIVE

R phrases:	R35	Causes severe burns.
S-phrases:	S1/2	Keep locked up and out of the reach of children
	S23	Do not breathe spray
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

- S36/37/39** Wear suitable protective clothing, gloves and eye/face protection
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
S27 Take off immediately all contaminated clothing
S28 After contact with skin, wash immediately with plenty of water
S51 Use only in well-ventilated areas
S20 When using do not eat or drink
S24/25 Avoid contact with skin and eyes

Contains **SODIUM HYDROXIDE**.

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

less than 5 % : nonionic surfactants

2.3 Other hazards

None.

SECTION 3: composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Stick in polyester impregnated of perfume.

Hazardous ingredients:

CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Name	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1278/2008 (CLP)
1310-73-2	215-185-5	011-002-00-6	01-2119457892-27-xxxx	10 > C <25	Sodium hydroxide	C; R35	Skin Corr. 1A; H314

Additional information: for full text of H-statements and R-phrases see SECTION 16

SECTION 4: first aid measures

4.1 Description of first aid measures

General notes

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

Following inhalation

Transport the person to the air, to maintain it with the heat and rest..

Following skin contact

Remove any soiled or splashed clothing immediately. 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 contact with skin, rinse with water for at least 15 minutes. Consult a doctor.

Following eye contact

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.

Following ingestion

Do not give the patient anything orally. 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.

Self-protection of the first aider

See SECTION 8

4.2 Most important symptoms and effects, both acute and delayed

Burning sensation, cough, wheezing, laryngitis, shortness of breath, spasm, inflammation and edema of the larynx, inflammation and edema of the bronchi, pneumonitis, pulmonary edema.

4.3 Indication of any immediate medical attention and special treatment needed

Call a POISON CENTER or doctor / physician if you feel unwell.

SECTION 5: firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Sprayed water or water mist, foam, multipurpose ABC powder, carbon dioxide (CO₂).

Unsuitable extinguishing media

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

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Wear chemical resistant oversuit. Cool containers / tanks with water spray.

SECTION 6: accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under SECTIONS 7 and 8.

Avoid any contact with the skin and eyes

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 from entering drains or waterways.

Concerning disposal elimination after cleaning, see SECTION 13.

6.3 Methods and material for containment and cleaning up

Neutralize with an acidic decontaminant.

Clean preferably with a detergent, do not use solvents.

6.4 Reference to other sections

Concerning personal protective equipment to use, see SECTION 8.

Concerning product toxicity, see SECTION 11 and about product stability and reactivity see SECTION 10. Concerning disposal elimination after cleaning, see SECTION 13.

SECTION 7: handling and storage

7.1 Precautions for safe handling

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.

Always wash hands after handling. Remove and wash contaminated clothing before re-using.

Do not use in the presence of children.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Keep in properly labelled containers. Keep container closed

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.

7.3 Specific end use

Consumer products: Strips fryers, ovens, grills, rotisseries.

SECTION 8: exposure controls/personal protection

8.1 Control parameters

No available data for mixture

SUBSTANCE: Sodium hydroxide (CAS 1310-73-2)					
	Limit value - Eight hours		Limit value - Short term		Note
Country	ppm	mg/m ³	ppm	mg/m ³	
Australia				2	Ceiling limit value
Austria		2		4	inhalable aerosol
Belgium		2			
Canada (Ontario)				2	Ceiling limit value
Canada (Québec)				2	Ceiling limit value
Denmark		2		2	
France		2			
Hungary		2		2	
Ireland				2	15 minutes reference period
Latvia		0.5			
New Zealand				2	Ceiling limit value
Poland		0.5		1	
Singapore				2	
South Korea				2	Ceiling limit value
Spain		2			
Sweden		1		2	Inhalable dust - Ceiling limit value
Switzerland		2		2	inhalable aerosol
USA - NIOSH				2	Ceiling limit value 15 min
USA - OSHA		2			
United Kingdom				2	

8.2 Exposure controls

8.2.2 Individual 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 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.

When spraying, wear a face shield in accordance with standard EN166. 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.

Skin protection-

Avoid skin contact. Wear suitable protective clothing in particular overalls and boots.

In the event of minor spatter, wear protective boots or half-boots against chemical risks in accordance with standard EN13832-2.

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.

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

Hand protection.

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

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.

Type of gloves recommended:

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- PVA (Polyvinyl alcohol)
- Butyl Rubber (Isobutylene-isoprene copolymer) Recommended properties :
- Impervious gloves in accordance with standard EN374

Respiratory protection:

In the case of dust or aerosol formation use respirator with an approved filter. Recommended Filter type: P2

8.2.3 Environmental exposure controls

Dispose of rinse water in accordance with local and national regulations.

Handle in accordance with good industrial hygiene and safety practice

SECTION 9: physical and chemical properties

9.1 Information on basic physical and chemical properties

- a) Appearance: viscous liquid colorless to yellow
- b) Odour: no data available
- c) Odour threshold: not determined.
- d) pH: strongly basic
- e) Melting point/freezing point: -12 -10 °C
- f) Initial boiling point and boiling range: 105 - 140 °C
- g) Flash point: no data available
- h) Evaporation rate: no data available
- i) Flammability (solid, gas): not applicable
- j) Upper/lower flammability or explosive limits: no data available
- k) Vapour pressure: < 20 hPa at 20°C
- l) Vapour density: 1.38 (Air = 1.0)
- m) Relative density: 1.120 +/- 0.01
- n) Solubility(ies): completely miscible, soluble
- o) Partition coefficient n-octanol/water: no data available
- p) Auto-ignition temperature: not determined
- q) Decomposition temperature: not determined
- r) Viscosity: not applicable
- s) Explosive properties: not explosive
- t) Oxidising properties: not oxidising

9.2 Other information

None

SECTION 10: stability and reactivity

10.1 Reactivity

Potential for exothermic hazard. May be corrosive to metals.

10.2 Chemical stability

Stable at room temperature in closed containers under normal storage and handling conditions

10.3 Possibility of hazardous reactions

Exothermic reaction with strong acids.

10.4 Conditions to avoid

Keep away from direct sunlight. To avoid thermal decomposition, do not overheat. Freezing.

10.5 Incompatible materials

Strong oxidizing agents, strong acids, organic materials.

10.6 Hazardous decomposition products

If exposed to high temperatures may produce hazard decomposition products (CO, CO₂.)

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 for up to three minutes.

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

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

Acute toxicity

CAS No.	Name	LD 50 Oral mg/kg	LD 50 Dermal mg/kg	LD 50 Inhalation mg/L	Note
1310-73-2	Sodium hydroxide	325	no data	no data	

SECTION 12: ecological information

12.1 Toxicity

Short-term toxicity to fish.

Test organisms (species): *Leuciscus idus melanotus*.

Total exposure duration: 48h

Endpoint: LCO

Effect conc.: 157 mg/L

Long-term toxicity to fish

Test organisms (species): *Lebistes reticulatus*

The presence of NaOH had an adverse effect on the survival rate, growth and fecundity, as well as the quality of the progeny of the guppy. Upon prolonged exposure concentrations of 25 to 100 mg/l produced significant changes in the biology of the fish.

Short-term toxicity to aquatic invertebrates

Test organisms (species): *Ceriodaphnia* sp..

Total exposure duration: 48h

Endpoint: EC50

Effect conc.: 40.4 mg/L

12.2 Persistence and degradability

Study scientifically unjustified

12.3 Bioaccumulative potential

Study scientifically unjustified

- 12.4 Mobility in soil**
Study scientifically unjustified.
- 12.5 Results of PBT and vPvB assessment**
Is not considered a PBT or vPvB substance.
- 12.6 Other adverse effects**
None

SECTION 13: disposal considerations

- 13.1 Waste treatment methods**
Collect all waste in suitable and labeled containers and dispose according to local legislation.
Do not re-use empty containers. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
European waste materials catalogue 20 01 29 dangerous substances inside detergents

SECTION 14: transport information

- 14.1 UN number**
3267
- 14.2 UN proper shipping name**
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contain sodium hydroxide)
- 14.3 Transport hazard class(es)**
8
- 14.4 Packing group**
II
- 14.5 Environmental hazard**
No
- 14.6 Special precautions for user**
These goods must be packed in their original packagings. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable

SECTION 15: regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Packaging to be fitted with child-resistant fastenings (see EC Regulation No. 1272/2008, Annex II, Part 3).
Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).
Seveso category: not applicable
- 15.2 Chemical safety assessment**
No chemical safety assessment has been carried out for this mixture by the supplier

SECTION 16: other information

The information contained in this safety data sheet is provided in accordance with the requirements of:

- Directive 1999/45/CE dangerous preparations directive and adaptations
- CLP 1272/2008 & adaptations

Text of R phrases listed in SECTION 3






R35 Causes severe burns

Text of hazard (H) indications mentioned in SECTION 3

H314 Causes severe skin burns and eye damage.

Emergency telephone numbers

For urgent safety information call the Anti-Poison Center of your country:

	COUNTRY	CUSTOMER SERVICE NR.	ANTI-POISON CENTER NR.
	AUSTRIA	(0043) 050 6700 200	(0043) 01 406 43 43
	BELGIUM	0032 (0)2 263 33 33	(0032) 070 245 245
	CZECK REP.	(00420) 840 111 313	(00420) 224 91 54 02
	DENEMARK	(0045) 44880280	(0045) 82121212
	FINLAND	(09) 61336 235	(09) 471977
	FRANCE	(0033) 0892 700 150	(0033) 01 40 05 48 48
	GERMAN	(0049) 0711 93533655	(0049) 0761 19240
	GREECE	(0030) 2109946400	(0030) 2107793777
	HOLLAND	0031 (0)76 530 6400	(0031) 030 274 8888
	HUNGARY	(0036) 06 40 109 109	(0036) 80 20 11 99
	IRELAND	(00353) 0844 815 8989	(00353) 1 8092566
	ITALY	(0039) 199 580 480	(0039) 02 66101029
	NORWAY	(0047) 22782500	(0047) 22 59 13 00
	POLAND	(0048) 801 900 666	Warszawa: (0048) 22 619 66 54 Gdańsk: (0048) 58 682 04 04 Poznań: (0048) 61 847 69 46 Kraków: (0048) 12 411 99 99
	PORTUGAL	(00351) 707 203 204	(00351) 808 250143
	ROMANIAN	(0040) 0372 117 745	
	RUSSIA	007 (495)745 57 31	
	SLOVAKIA	(00421) 0850 003 007	(00421) 2 54774166
	SPAIN	(0034) 902 203 204	(0034) 915 620 420
	SWEDEN	(0046) 0771 751570	(0046) 08 331231
	SWISS	(0041) 0848 801 005	(0041) 145
	UK	(0044) 0844 815 8989	(0044) 0845 46 47 (0044) 020 7188 0600
	UCRAIN	(00380) 0 800 501 150	