

## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

#### 1.1. Product identifier

Product name : 500ML ACTIFF NETTOYANT FOUR AEROSOL  
Product code : 57317/16051020.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against : oven cleaner aerosol

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

Registered company name : MC BRIDE C.E. ROSPORDEN (YPLON S.A.).  
Address : Z.I. de DIOULAN.29140.ROSPORDEN.FRANCE.  
Telephone : 33 (0)2 98 66 95 00. Fax : 33 (0)2 98 59 96 00.  
product.legislation@mcbride.eu

#### 1.4. Emergency telephone number : .

Association/Organisation : FRANCE : INRS/ORFILA +33 (0)1 45 42 59 59.

### SECTION 2 : HAZARDS IDENTIFICATION

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

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Extremely flammable.

Possibility of corrosive effects.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

Detergent mixture (see section 15).

Mixture for aerosol application.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols :



C - Corrosif



F+ - Extrêmement inflammable

Corrosive      Extremely flammable

Contains :

011-002-00-6 SODIUM HYDROXIDE

Risk phrase :

R 12      Extremely flammable.

R 34      Causes burns.

Safety phrase :

S 1/2      Keep out of the reach of children.

S 16      Keep away from sources of ignition - No smoking.

S 23      Do not breathe spray.

S 26      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 45      In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 46      If swallowed, seek medical advice immediately and show this container or label.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

S 25      Avoid contact with eyes.

S 27      Take off immediately all contaminated clothing.

S 28      After contact with skin, wash immediately with plenty of water.



- S 51 Use only in well-ventilated areas.  
S 64 If swallowed, rinse mouth with water (only if the person is conscious).  
S 20 When using do not eat or drink.

### 2.3. Other hazards

No data available.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

### 3.2. Mixtures

Composition :

| Identification                                    | Name             | Classification                   | %               |
|---|------------------|----------------------------------|-----------------|
| INDEX: 601-004-00-0CAS:<br>106-97-8EC: 203-448-7  | BUTANE           | GHS02, GHS04,<br>DgrF+H:220R: 12 | 2.5 <= x % < 10 |
| INDEX: 011-002-00-6CAS:<br>1310-73-2EC: 215-185-5 | SODIUM HYDROXIDE | GHS05, DgrCH:314.1AR: 35         | 2.5 <= x % < 10 |
| INDEX: 15053825                                   | BENTONITE        | GHS07, WngXiH:319R: 36           | 0 <= x % < 2.5  |
| INDEX: 601-003-00-5CAS:<br>74-98-6EC: 200-827-9   | PROPANE          | GHS02, GHS04,<br>DgrF+H:220R: 12 | 0 <= x % < 2.5  |

## 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.

In the event of splashes or contact with skin :

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 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.

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

## SECTION 5 : FIREFIGHTING MEASURES

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### 5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

#### 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 (CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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### 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 fire-fighters

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

##### For fire-fighters

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

#### 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.

#### 6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

Clean preferably with a detergent, do not use solvents.

#### 6.4. Reference to other sections

No data available.

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### 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.

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.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

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.

Do not breathe in aerosols.



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

No data available.

#### Storage

Keep out of reach of children.

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

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight

Avoid accumulation of electrostatic charges.

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.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

#### 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 :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS       | TWA :     | STEL : | Ceiling : | Definition : | Criteria : |
|-----------|-----------|--------|-----------|--------------|------------|
| 106-97-8  | 1000 ppm- | -      | -         | -            | -          |
| 1310-73-2 | -         | -      | 2 mg/m3   | -            | -          |
| 74-98-6   | 1000 ppm- | -      | -         | -            | -          |

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

| CAS      | VME :      | VME :      | Excess | Notes |  |
|----------|------------|------------|--------|-------|--|
| 106-97-8 | 1000 ml/m3 | 2400 mg/m3 | 4(II)  | DFG   |  |
| 74-98-6  | 1000 ml/m3 | 1800 mg/m3 | 4(II)  | DFG   |  |

- France (INRS - ED984 :2008) :

| CAS       | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|-----------|-----------|-------------|-----------|-------------|---------|----------|
| 106-97-8  | 800       | 1900        | -         | -           | -       | -        |
| 1310-73-2 | -         | 2           | -         | -           | -       | -        |

- Switzerland (SUVA 2009) :

| CAS       | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Temps : | RSB : |
|-----------|-------------|-----------|-------------|-----------|---------|-------|
| 106-97-8  | 1900        | 800       | -           | -         | -       | -     |
| 1310-73-2 | 2i          | -         | 2i          | -         | 15 min  | -     |
| 74-98-6   | 1800        | 1000      | 7200        | 4000      | 4x15    | -     |

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

| CAS       | TWA :   | STEL :  | Ceiling : | Definition : | Criteria : |
|-----------|---------|---------|-----------|--------------|------------|
| 106-97-8  | 600 ppm | 750 ppm | -         | -            | -          |
| 1310-73-2 | -       | 2 mg/m3 | -         | -            | -          |

### 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 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

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

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
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- PVA (Polyvinyl alcohol)

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.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 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 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.

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state : viscous liquid.  
spray.

#### Important health, safety and environmental information

strongly basic.

pH : Not stated.

Boiling point/boiling range : <= 35 °C

Flash point interval : Flash point < 0 °C

Vapour pressure : Above 300 kPa (3 bar).

Density : > 1

Water solubility : Dilutable.

Melting point/melting range : not specified.

Self-ignition temperature : not specified.

Decomposition point/decomposition range : not specified.

### 9.2. Other information

No data available.

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## 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

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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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.

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

#### 11.1.1. Substances

No toxicological data available for the substances.

#### 11.1.2. Mixture

No toxicological data available for the mixture.

#### Skin corrosion/skin irritation :

Corrosivity : Causes severe skin burns.

#### Serious damage to eyes/eye irritation :

Causes serious eye damage.

Duration of exposure : %@IDC\_EYE\_IRIS\_DURATION

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## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

No aquatic toxicity data available for the substances.

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

No data available.

### 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.

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## SECTION 13 : DISPOSAL CONSIDERATIONS

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

