

CT 4 - 608

## 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 : CT 4  
Product code : 608.

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

Lubricant

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

Registered company name : ORAPI.  
Address : PARC INDUSTRIEL DE LA PLAINE DE L'AIN - 225 ALLEE DES CEDRES.01150.SAINT-VULBAS.FRANCE.  
Telephone : 33-(0)4-74-40-20-20. Fax : 33-(0)4-74-40-20-21.  
fds@orapi.com

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

Association/Organisation : INRS .

#### Other emergency numbers

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

### SECTION 2 : HAZARDS IDENTIFICATION

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

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

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

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

No labelling requirements for this mixture.

#### 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 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

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

### >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 :

Bring to the fresh air.  
Consult a physician in case of disorder.

##### In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.  
If there is any pain, redness or visual impairment, consult an ophthalmologist.

**CT 4 - 608**

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**In the event of splashes or contact with skin :**

Remove clothing impregnated and wash carefully the skin with some water and some soap.  
Not to use solvents or thinners  
Consult a doctor in the event of irritation.

> **In the event of swallowing :**

Keep the person exposed at rest. Do not force vomiting.  
Seek medical attention, 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**

Inhalation:	Inhalation of oil mist may cause irritation, headache, nausea and difficulty breathing.
Contact with skin:	Prolonged or repeated contact can cause dermatoses.
Swallowing:	Malaise (vague feeling of discomfort).
Contact with eyes:	Splashes in the eyes may cause irritation and reversible damage.

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

Treat symptomatically.

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> **SECTION 5 : FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

> **Suitable methods of extinction**

In the event of a fire, use :

- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

**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>)
- various hydrocarbons
- aldehydes

**5.3. Advice for firefighters**

Due to the toxicity of the gas emitted on thermal decomposition of the products, 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.

Extremely slippery in case of spillage.

**For first aid worker**

First aid workers 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**

Clean preferably with a detergent, do not use solvents.

**CT 4 - 608**

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**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.
- Ensure that there is adequate ventilation, especially in confined areas.
- Avoid contact with skin, eyes and clothings.
- Do not breathe vapours, fumes and fog.
- Extremely slippery in case of spillage.

**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**

No data available.

**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.
- Keep the container away from heat, bad weather, dampness and freezing.

**Packaging**

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

**7.3. Specific end use(s)**

No data available.

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**>SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No data available.

**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 in accordance with standard EN166.

**- Hand protection**

- Wear suitable protective gloves in the event of prolonged or repeated skin contact.
- Type of gloves recommended :
  - Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
  - PVA (Polyvinyl alcohol)

**- Body protection**

- 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**

**CT 4 - 608**

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Under normal conditions of use, no respiratory protection is necessary.  
Respiratory protection in the presence of aerosol or of fog of product

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**>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**General information :**

Physical state : Paste.

**> 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 : < 1  
Water solubility : Insoluble.  
Melting point/melting range : Not relevant.  
Self-ignition temperature : Not relevant.  
Decomposition point/decomposition range : Not relevant.

**> 9.2. Other information**

Colour : black

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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**

Avoid :  
- heat  
- flames and hot surfaces  
- sources of ignition

**> 10.5. Incompatible materials**

Keep away from :  
- strong oxidising agents  
- oxidising material

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :  
- carbon monoxide (CO)  
- carbon dioxide (CO<sub>2</sub>)  
- various hydrocarbons  
- aldehyde

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**>SECTION 11 : TOXICOLOGICAL INFORMATION**

**> 11.1. Information on toxicological effects**

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture**

No toxicological data available for the mixture.

CT 4 - 608

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**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**

Insoluble in water

**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.

**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.

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**>SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**> 14.1. UN number**

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**> 14.2. UN proper shipping name**

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**> 14.3. Transport hazard class(es)**

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**> 14.4. Packing group**

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**> 14.5. Environmental hazards**

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**> 14.6. Special precautions for user**

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**>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. 2020/217 (ATP 14)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

### 15.2. Chemical safety assessment

No data available.

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### >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.

#### > Abbreviations :

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.

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.