

AXALIM 150 - 10T011



**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 : AXALIM 150  
Product code : 10T011.

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

Lubricant  
For professional use

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

Registered company name : TTA Techniques & Technologies Appliquées.  
Address : Z.I de Lonrai - BP 153.61005.Alençon Cedex .France.  
Telephone : +33 (0)2 33 82 38 00. Fax : +33 (0)2 33 26 88 69.  
info@tta-lubrifiants.com  
www.tta-lubrifiants.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.**

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.**

Additional labeling :  
EUH210 Safety data sheet available on request.  
Precautionary statements - Prevention :  
P273 Avoid release to the environment.  
Precautionary statements - Disposal :  
P501 Dispose of contents / container to an approved center in accordance with national regulations.

**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**

**Composition :**

Product based on synthetic oils.

**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 :**

This risk does not exist under normal conditions of use. However in the case of exposure to high concentrations of vapors or fumes, remove to fresh air, keep warm and at rest.

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

Rinse immediately with plenty of water, holding the eyelids, for at least 15 minutes. If discomfort persists, consult a physician.

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

Wash off with soap and plenty of water. Contaminated clothing should be laundered before reuse. If irritation persists, call a doctor.

**In the event of swallowing :**

Seek medical attention, showing the label.

If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately and show him the label. Keep the victim calm.

Do not induce vomiting.

**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**

**Information for the doctor :**

In case of incident, treat symptomatically

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

**Suitable methods of extinction**

Use water spray, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**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**

Standard procedure for chemical fires.

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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 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.

Prevent the spread and flow into drains, ditches or rivers by using sand, earth, or adapted dams. Inform local authorities if this can not be prevented.

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

Clean preferably with a detergent, do not use solvents.

Collect in a suitable container, clearly marked for disposal or reclamation in accordance with regulations.

**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.

Avoid splashes.

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After contact with skin, wash with soap and water, do not use abrasives, solvents or fuel.

Do not dry hands with rags that have been contaminated with product.

Prevent small spills and leakage to avoid slip hazard.

Do not eat, do not drink and do not smoke during use.

Do not eat, do not drink and do not smoke during use. Avoid unnecessary contact Avoid release to the environment

Ensure adequate ventilation if there is risk of vapors, mists or aerosols. Keep away from combustible material. Keep the product away from food and beverages.

The prolonged and repeated contact with the skin can cause skin damages accentuated by minor injury or friction with soiled clothing.

**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.

Provide air exchange and / or exhaust in work rooms.

**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**

Recommended to protect from moisture and weather (rain in particular) storage

Storage temperature: 5-40 ° C

**Packaging**

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

Suitable packaging materials :

Use only containers, joints, pipes resistant to hydrocarbons. Keep preferably in the original packaging otherwise, refer, where applicable, all indications on the regulatory label to the new container.

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

No data available.

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

**8.1. Control parameters**

**Occupational exposure limits :**

oil mist - ACGIH : VME = 5 mg/m<sup>3</sup> ; VLE = 10mg/m<sup>3</sup>

**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 :

-Gloves Waterproof and resistant to hydrocarbons.

**- 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**

Not normally required

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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.  
Color: colorless

**Important health, safety and environmental information**

pH : Not relevant.  
Boiling point/boiling range : Not specified.  
Flash Point Interval : FP > 100°C.  
Vapour pressure (50°C) : Below 110 kPa (1.10 bar).  
Density : env 0.84  
Water solubility : Insoluble.  
Viscosity : 150 cSt à 40°C  
Melting point/melting range : Not specified.  
Self-ignition temperature : Not specified.  
Decomposition point/decomposition range : Not specified.

**9.2. Other information**

Auto-ignition temperature : > 250°C (ASTM E-659).

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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**

No data available.

**10.4. Conditions to avoid**

Avoid :  
- heat  
- flames and hot surfaces  
- heating

**10.5. Incompatible materials**

Keep away from :  
- strong oxidising agents

**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**

No data available.

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture**

**Acute toxicity :**

Oral route : No observed effect.  
LD50 = 5053 mg/kg

Inhalation: Inhalation of oil mist may cause irritation, headaches, nausea and respiratory difficulties.

**Skin corrosion/skin irritation :**

Contact with the skin, repeated and / or long duration may cause irritation and inflammation of the skin.

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

No eye irritation expected

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**Respiratory or skin sensitisation :**

Not sensitive

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.2. Mixtures**

**12.2. Persistence and degradability**

**12.2.2. Mixtures**

no degradability data is available, the substance is considered as not degrading quickly.

Biodegradability :

Not promptly biodegradable.

**12.3. Bioaccumulative potential**

No bioaccumulable.

**12.4. Mobility in soil**

Absorbed into soil

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK) :**

WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

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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.

**Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :**

The following waste codes are only suggestions: waste code is not on the new product itself but its use. The waste classification should be assigned by the user based on the application he makes of the product.

13 08 99 - wastes of oil not otherwise specified

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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. 2016/1179. (ATP 9)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK) :**

WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

**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.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.