Safety Data Sheet *LUBLAN ATF DX II*

Safety Data Sheet in accordance with Regulation UE 830/2015

Date of issue 17/05/2019 REV.3

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

1.1 PRODUCT IDENTIFIER

IDENTIFICATION OF THE MIXTURE: Base oil and additives
COMMERCIAL NAME: LUBLAN ATF DX II

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.2.1 RELEVANT USES OF THE SUBSTANCE OR MIXTURE:

Automatic transmission fluid

1.2.2 USES ADVISED:

This material should not be used for other purposes than those specified without the advice of an expert

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER:
GL OIL SPA
Località Boscofangone
Zona ASI Nola-Marigliano
80035 - Nola (Napoli)

1.4 EMERGENCY TELEPHONE

0817472870 Centro Antiveleni di Napoli - Ospedale A. Cardarelli (24/24 ore, 7/7 giorni)

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Regulation (CE) n.1272/2008 (CLP)

The product is not considered hazardous according to the Regulation CE 1272/2008 (CLP)

2.1.1 EFFECTS CHEMICAL-PHYSICAL HARMFUL TO HUMAN HEALTH AND THE ENVIRONMENT:

No significant hazard. The material does not meet the criteria for PBT or vPvB according to REACH Annex XIII.

2.2 LABEL ELEMENTS

Labelling according to Regulation (CE) n.1272/2008 (CLP)

Phrases EUH: EUH 210 Safety data sheet available on request

2.3 OTHER HAZARDS

No significant hazard

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

N.D.

3.2 MIXTURES

This product is regulated as a mixture

No hazardous substances need to be declared.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

4.1.1 INHALATION:

Remove from further exposure.
For those providing assistance, avoid exposure to yourself 'and for others.
Use adequate respiratory protection.
In case of respiratory tract irritation, dizziness, nausea, or unconsciousness occurs, seek medical advice immediately. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth.

4.1.2 SKIN CONTACT:

Wash contact areas with soap and water.

4.1.3 EYE CONTACT:

Rinse with plenty of water.
If irritation occurs, get medical assistance.

4.1.4 INGESTION:

As a rule, are not necessary first aid measures.
Seek medical attention if discomfort occurs.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No further information available

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

It is not assumed to be necessary to have special means to provide for specific and immediate medical treatment in the workplace.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

5.1.1 SUITABLE EXTINGUISHING MEDIA:

Use water fog, foam, dry chemical powder, carbon dioxide (CO_2) to extinguish flames.

5.1.2 EXTINGUISHING MEDIA NOT SUITABLE:

Jets of water directed

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Sulphur oxides, Oxides of carbon, Aldehydes, Incomplete combustion products, Smoke, Fume.

5.3 ADVICE FOR FIREFIGHTERS

Evacuate the area. Avoid dispersal or leakage from fire into waterways, sewers, or drinking water supplies. Firefighters must use standard protective equipment and - in closed spaces - SCBA. Use water spray to cool exposed surfaces and to protect personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 NOTIFICATION PROCEDURE

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

6.1.2 PROTECTIVE MEASURES

Avoid contact with spilled material.
See Section 5 for firefighting information.
Refer to Section "Hazards Identification" to see the greatest risks.
Refer to Section 4 for First Aid Advice.

See Section 8 for advice on the minimum requirements for the Personal Protective Equipment.
Additional protective measures may be necessary, in view of specific circumstances and / or the expert judgment of the emergency.

6.2 ENVIRONMENTAL PRECAUTIONS

Large Spills: Dyke far ahead of liquid spill for later recovery and disposal.
Prevent entry into waterways, sewers, basements or confined areas.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

6.3.1 RELEASE IN THE SOIL:

Stop leak if you can do so without risk. Recover by pumping or with suitable absorbent material.

6.3.2 RELEASE IN THE WATER:

See sections 8 and 13

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid contact with used product. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause sparks (ignition source). Use proper procedures and grounding.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Do not store in open or unlabelled containers.

7.3 SPECIFIC END USE(S)

Section 1 details the end-use identified. No industrial leadership or available industry.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

When mists / aerosols, the following are recommended: 5 mg/m³ - TLV ACGIH * (inhalable fraction)
* Analysis according to the 5026 method of the United States NIOSH

8.2 EXPOSURE CONTROLS

No special requirements under ordinary conditions of use and with adequate ventilation.

8.2.1 TECHNICAL PRECAUTIONS

The information on the selection of protective equipment, as provided below, is based, normal usage.

8.2.2 EYE PROTECTION

If contact is likely, it is recommended the use of safety glasses with side shields.

8.2.3 SKIN PROTECTION

No skin protection is ordinarily required under normal conditions of use. Take precautions to avoid contact with the skin in accordance with good industrial hygiene practices.

8.2.4 HAND PROTECTION

No protection is ordinarily required under normal conditions of use.

8.2.5 RESPIRATORY PROTECTION

No special requirements under ordinary conditions of use and with adequate ventilation.

8.2.6 ENVIRONMENTAL EXPOSURE CONTROLS

In accordance with applicable laws that restrict emissions to air, water and land. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON THE BASIC PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL AND PHYSICAL PROPERTIES	VALUE	METHOD
APPEARANCE AND COLOR	RED	
ODOUR	CHARACTERISTIC	
ODOUR THRESHOLD	N.D.	
PH	N.D.	
MELTING POINT / FREEZING POINT	N.D.	
INITIAL BOILING POINT AND BOILING RANGE	N.D.	
FLASH POINT	> 170 °C	ASTM D-92
SPEED EVAPORATION	N.D.	
UPPER / LOWER LIMIT FLASH OR EXPLOSION	N.D.	
DENSITY VAPOURS	N.D.	
VAPOR PRESSURE	N.D.	
DENSITY	863 Kg/m^3	ASTM D-1298
WATER SOLUBILITY	N.D.	
SOLUBILITY IN OIL	N.D.	
COEFFICIENT (N-OCTANOL / WATER)	N.D.	
AUTOIGNITION TEMPERATURE	N.D.	
DECOMPOSITION TEMPERATURE	N.D.	
VISCOSITY AT 100°C	7,0 mm^2/s	ASTM D-445
VISCOSITY AT 40°C	37,3 mm^2/s	ASTM D-445
EXPLOSIVE PROPERTIES	N.D.	
OXIDISING PROPERTIES	N.D.	
FLAMMABILITY SOLID/GAS	N.D.	

9.2 OTHER INFORMATION

CHEMICAL AND PHYSICAL PROPERTIES	VALUE	METHOD
MISCIBILITY	N.D.	
CONDUCTIVITY	N.D.	

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

None under normal conditions.

10.2 CHEMICAL STABILITY

The material is stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

None under normal conditions.

10.4 CONDITIONS TO AVOID

Excessive heat.

10.5 INCOMPATIBLE MATERIALS

Strong oxidizing.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

The material does not decompose at ambient temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

11.1.1 TOXICITY ACUTE

Based on available data, the classification criteria are not met.

11.1.2 SKIN CONTACT

Based on available data, the classification criteria are not met.

11.1.3 EYE CONTACT

Based on available data, the classification criteria are not met.

11.1.4 INHALATION

No data on the target organs for this material

11.1.5 MUTAGENICITY
No data on the target organs for this material

11.1.6 CARCINOGENICITY
No data on the target organs for this material

11.1.7 TOXICITY FOR REPRODUCTION
No data on the target organs for this material

11.1.8 TOXICITY SPECIFIC TARGET ORGAN (STOT) - SINGLE EXPOSURE
No data on the target organs for this material

11.1.9 TOXICITY SPECIFIC TARGET ORGAN (STOT) - REPEATED EXPOSURE
No data on the target organs for this material

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Material - Not expected to be harmful to aquatic organisms.

12.2 PERSISTENCE AND DEGRADABILITY

Base oil component - Expected to be minimally biodegradable

12.3 BIOACCUMULATIVE POTENTIAL

Not determined

12.4 MOBILITY IN SOIL

Not determined

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

his product is not, or does not contain, a substance defined as PBT or vPvB.

12.6 OTHER ADVERSE EFFECTS

There are no harmful effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Operate according to national provisions (DPR 915/82, Presidential Decree 691/82, Law 475/88) their updates and any regional regulations for disposal as hazardous waste.

SECTION 14: TRANSPORT INFORMATION

14.1 **UN NUMBER:**
Not applicable.

14.2 **UN PROPER SHIPPING NAME:**
Not applicable.

14.3 **TRANSPORT HAZARD CLASS(ES):**
Not applicable.

14.4 **PACKING GROUP:**
Not applicable.

14.5 **ENVIRONMENTAL HAZARDS:**
Not applicable.

14.6 SPECIAL PRECAUTIONS FOR USER:
Not applicable.

14.7 TRANSPORT OF BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE:
Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL SPECIFICATIONS FOR THE SUBSTANCE OR MIXTURE

EU directives and regulations applicable:

Regulation (EC) No 1272/2008, with all National and European related legislations – on classification, labelling and packaging of substances and mixtures – and followin adjustments to technical and scientific progress.

Regulation (EC) No 790/2009 amending,for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 on classification labelling and packaging of substances and mixtures.

Directive 1999/45/EC and all following updates, together with its national realization, about classification, labelling and packaging of dangerous preparations.

Regulation (EC) No 1907/2006, with all National and European related legislations – concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 453/2010 amending Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directives 89/391/EC, 89/654/EC, 89/655/EC, 89/656/EC, 90/269/EC, 90/270/EC, 90/394/EC, 90/679/EC and all folliwing updates, together with its nationl realization, about improvement of worker safety and health.

Directives 98/24/EC and all following updates, together with its nationl realization, about protection worker safety and health against chemical agent risks.

Directives 1991/56/EC and all following updates, together with national waste legislation EC directives and national environment protection legislation (air, water and soil).

15.2 CHEMICAL SAFETY ASSESSMENT

A verification of Chemistry (Chemical Safety Assessment Safety) has not been completed for the substance (s) that make up this material or the same material.

SECTION 16: OTHER INFORMATION

Sheet complies with the requirements of Regulation (EU) 830/2015, as well as with Regulation (EC) 1272/2008 and Directive 99/45 / EC and subsequent adjustments and changes.
This sheet supersedes any previous edition.

This product must be stored, handled and used according to correct industrial hygienic practices and in compliance with current legislation.
Information given is based on the present state of our knowledge. They provide information on safety and the correct use of the product, and should not be considered as a guarantee of specific properties.

LEGEND OF ABBREVIATIONS AND ACRONYMS USED

ACGIH	American Conference of Governmental Industrial Hygienists
ADR	European Agreement concerning the international road transport of dangerous goods
AND	European Agreement concerning the international road transport dangerous goods by inland waterways
ATE	Estimated acute toxicity
BCF	Concentration factor Biological
BEI	Biological Exposure Index
BOD	Biochemical oxygen demand
CAS	Chemical Abstract Service
CAV	Poison control Centre
CE	European Community
CLP	Classification, labeling, packaging
CMR	Carcinogenic, mutagenic, reproductive toxic
COD	Chemical oxygen demand
COV	Volatile Organic Compound
CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
DPD	Hazardous Products Directive

DSD	Dangerous Substances Directive
EC50	Median effective concentration
ECHA	European Agency for Chemical Substances
EINECS	European Inventory of Existing Commercial Chemical Substances European
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IATA	Association for international air transport
IC50	Median inhibition concentration
ICAO	Organization International Civil Aviation
IMDG	International Maritime Code for Dangerous Goods
KAFN	Keep away from heat
KSt	Coefficient of explosion
N.A.	Not applicable
N/D	Not available
PBT	Persistent, Bioaccumulative and Toxic
PGK	Packing instructions
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail Organ-specific toxicity
STOT	Organ-specific toxicity
vPvB	Very persistent and very bioaccumulative

This information is based on our current knowledge and are intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as a guarantee on any specific product property.

The information in this document is drawn up to the best of knowledge of suppliers the date of revision and our experience of the product and is not exhaustive. Apply to product as it is. The GL OIL SPA does not assume liability for uses not suitable of the product. The above does not in any way excuse the event the user from observing all the legislative, administrative and regulatory related to the product, hygiene and job security.