**Safety Data Sheet**
**GAM BOX ATF DEXRON II**
Safety Data Sheet dated 11/12/2018 version 1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Mixture identification:

Trade name: GAM BOX ATF DEXRON II
Trade code: GAM2006
Registration Number N/A

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

Recommended use: Automatic transmission fluid (atf)
Uses advised against: N.A.

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

Company: Gazpromneft Lubricants Italia SpA
Via Bitritto km 7,800
70124 Bari
email: msds@gazpromneft.it
phone number: +39 080 6989.1

### 1.4. Emergency telephone number

1-760-476-3962 (America)
1-760-476-3961 (Europe, Middle East and Africa)
1-760-476-3960 (Asia Pacific)
Global Response Access Code: 333497

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) n. 1272/2008 (CLP)**

0 The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

**Special Provisions:**

EUH210 Safety data sheet available on request.

**Contains:**

ALKOXYLATED LONG-CHAIN ALKYL AMINE May produce an allergic reaction.

**Special provisions according to Annex XVII of REACH and subsequent amendments:**

Restricted to professional users.

### 2.3. Other hazards

No PBT Ingredients are present

Other Hazards: No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Mixture identification: GAM BOX ATF DEXRON II

**Hazardous components within the meaning of the CLP regulation and related classification:**

| Quantity | Name | Ident. Numb. | Classification | Registration Number |
|---|---|---|---|---|
| 40-50 % | BASE OIL-UNSPECIFIED-LUBRICATING OILS | CAS:74869-22-0EC:278-012-2 | DECLL(*) | 01-2119495601-36 |
| 40-50 % | BASE OIL-LUBRICATING OIL | CAS:74869-22-0EC:278-012-2Index:649-484-00-0 | Asp. Tox. 1, H304, DECLL(*) | 01-2119495601-36 |
| 5-10 % | MINERAL OIL | | Asp. Tox. 1, H304, DECLL(*) | |
| 1-5 % | METHACRYLATE COPOLYMER | | Eye Irrit. 2, H319 | |
| 0.1-1 % | ALKOXYLATED LONG-CHAIN ALKYL AMINE | | Acute Tox. 4, H302; Skin Corr. 1B, H314; Skin Sens. 1, H317; Aquatic Chronic 3, H412 | |

(*)DECLL Substance classified in accordance with Note L, Annex VI of EC Regulation (EC) 1272/2008.

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### 4.2. Most important symptoms and effects, both acute and delayed

N.A.

Not known

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

N.A.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

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

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhaltion of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

---

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

OEL(A.C.G.I.H. 2008): oil mists - TLV/TWA (8 h) : 5 mg/m3 - TLV/STEL: 10 mg/m3

**List of components with OEL value**

| Component | OEL Type | Country | Ceiling | Long Term mg/m3 | Long Term ppm | Short Term mg/m3 | Short Term ppm | Behaviour | Note |
|---|---|---|---|---|---|---|---|---|---|
| BASE OIL-UNSPECIFIED-LUBRICATING OILS | ACGIH | | | 5.400 | | | | | 8H (aerosol) |
| MINERAL OIL | ACGIH | | | 5.000 | | | | | Under conditi |

**Derived No Effect Level. (DNEL)**

| Component | CAS-No. | Worker Industry | Worker Professional | Consumer | Exposure Route | Exposure Frequency | Remark |
|---|---|---|---|---|---|---|---|
| BASE OIL-LUBRICATING OIL | 74869-22-0 | 5.400 mg/m3 | 5.400 mg/m3 | 1.200 mg/m3 | | | |

### 8.2. Exposure controls

Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape

Eye protection:

Safety Glasses.

Protection for skin:

Protection for hands:

Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective clothes when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing

Not needed for normal use.

Respiratory protection:

Use in ventilated area. Use respirator with high efficiency filter cartridge for organic vapor just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for

Hygienic and Technical measures

Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

Appropriate engineering controls:

N.A.

---

## SECTION 9: Physical and chemical properties

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

Physical State: Liquid

Appearance and colour: Oily red

Odour: characteristic

Odour threshold: N.A.

pH: N.A.

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A.

Flash point: 205 °C (401 °F) ( ASTM D92 (Cleveland Open Cup) )

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Vapour pressure: N.A.

Relative density: 872.00 kg/m3 ( ASTM D4052 @ 15°C )

Solubility in water: Insoluble
Solubility in oil: N.A.
Partition coefficient (n-octanol/water): N.A.
Auto-ignition temperature: N.A.
Decomposition temperature: N.A.
Kinematic Viscosity at 100°C: 7.90 mm2/s ( ASTM D445 )
Kinematic Viscosity at 40°C (mm2/s ): Kv > 20.5 ( ASTM D445 )
Dinamic Viscosity: N.A.
Explosive properties: N.A.
Oxidizing properties: N.A.
Solid/gas flammability: N.A.
Volatile Organic compounds - VOCs = N.A.

**9.2. Other information**

Substance Groups relevant properties N.A.
Miscibility: N.A.
Conductivity: N.A.

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Carefully review all information provided in sections 10.2 - 10.6.

**10.2. Chemical stability**

Material is normally stable at room temperature and pressure. See Section 7 for further details.

**10.3. Possibility of hazardous reactions**

Will not occur.

**10.4. Conditions to avoid**

Do not expose to excessive heat, ignition sources, or oxidizing materials. High temperatures. Contact with strong oxidizers. Contact with strong caustic agents.

**10.5. Incompatible materials**

Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released. Other potential decomposition products: sulfur acids.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

Products have not been tested. Evaluation has been made through data of components.

**Toxicological information of the mixture:**

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

**Toxicological information on main components of the mixture:**

| | | |
|---|---|---|
| BASE OIL-UNSPECIFIED-LUBRICATING OILS | a) acute toxicity | LD50 Oral Rat > 5000.00000 mg/kg |
| | | LD50 Skin Rabbit > 2000.00000 mg/kg |
| | | LC50 Inhalation Rat > 5000.00000 mg/m3 |
| BASE OIL-LUBRICATING OIL | a) acute toxicity | LD50 Oral Rat > 5000.00000 mg/kg |
| | | LD50 Skin Rabbit > 2000.00000 mg/kg |
| | | LC50 Inhalation Rat > 5000.00000 mg/m3 |

**If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.**

a) acute toxicity

b) skin corrosion/irritation

c) serious eye damage/irritation

d) respiratory or skin sensitisation

e) germ cell mutagenicity

f) carcinogenicity

g) reproductive toxicity

h) STOT-single exposure

i) STOT-repeated exposure

j) aspiration hazard

Carcinogenicity

This product contains mineral oils which are severely refined and not considered to be carcinogenic under IARC. All components in this product have been passed the test IP346 (DMSO extractible compounds less than 3%).

Skin corrosion / irritation

Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.

Serious eye damage / irritation

Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.

Respiratory Irritation

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.

Respiratory or skin sensitization

Skin

Products have not been tested. Evaluation has been made through data of components.

Respiratory

No data available to indicate product or components may be respiratory sensitizers.

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

**List of components with eco-toxicological properties**

| Component | Ident. Numb. | Ecotox Infos |
|---|---|---|
| BASE OIL-UNSPECIFIED-LUBRICATING OILS | CAS: 74869-22-0 - EINECS: 278-012-2 | a) Aquatic acute toxicity : EL50 Daphnia Magna > 10000.00000 mg/L 48h |
| | | a) Aquatic acute toxicity : NOELR Algae > 100.00000 mg/L 72h |
| | | a) Aquatic acute toxicity : LL50 Fish > 100.00000 mg/L 96h |
| | | b) Aquatic chronic toxicity : NOELR Daphnia Magna = 10.00000 mg/L - 21 days |
| | | b) Aquatic chronic toxicity : NOELR Fish = 10.00000 mg/L |
| BASE OIL-LUBRICATING OIL | CAS: 74869-22-0 - EINECS: 278-012-2 - 67-548-EC: 649-484-00-0 | a) Aquatic acute toxicity : EL50 Daphnia Magna > 10000.00000 mg/L 48h |
| | | a) Aquatic acute toxicity : NOELR Algae > 100.00000 mg/L 72h |
| | | a) Aquatic acute toxicity : LL50 Fish > 100.00000 mg/L 96h |
| | | b) Aquatic chronic toxicity : NOELR Daphnia Magna = 10.00000 mg/L - 21 days |
| | | b) Aquatic chronic toxicity : NOELR Fish = 10.00000 mg/L |

### 12.2. Persistence and degradability

| Component | Persitence/Degradability: |
|---|---|
| BASE OIL-UNSPECIFIED-LUBRICATING OILS | Non-readily biodegradable |
| BASE OIL-LUBRICATING OIL | Non-readily biodegradable |

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

Product floats on water (insoluble)and can entrape small organisms. The product could easily disperse in soil.

Products have not been tested. Evaluation has been made through data of components.

### 12.5. Results of PBT and vPvB assessment

No PBT Ingredients are present

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

## SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

### 14.1. UN number

N.A.

**14.2. UN proper shipping name**

N.A.

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

N.A.

**14.4. Packing group**

N.A.

**14.5. Environmental hazards**

**14.6. Special precautions for user**

N.A.

Road and Rail (ADR-RID):

N.A.

Air (IATA):

N.A.

Sea (IMDG):

N.A.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

N.A.

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

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

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU)2015/830

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

German Water Hazard Class.

Class 1: slightly hazardous for water.

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: 40

Restrictions related to the substances contained: 28

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for the mixture.

## SECTION 16: Other information

| Code | Description |
|---|---|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

| Code | Hazard class and hazard category | Description |
|---|---|---|
| 3.1/4/Oral | Acute Tox. 4 | Acute toxicity (oral), Category 4 |
| 3.10/1 | Asp. Tox. 1 | Aspiration hazard, Category 1 |
| 3.2/1B | Skin Corr. 1B | Skin corrosion, Category 1B |

| | | |
|---|---|---|
| 3.3/2 | Eye Irrit. 2 | Eye irritation, Category 2 |
| 3.4.2/1 | Skin Sens. 1 | Skin Sensitisation, Category 1 |
| 4.1/C3 | Aquatic Chronic 3 | Chronic (long term) aquatic hazard, category 3 |

Using the calculation method for the specific hazard classes provided for in Regulation (EC) No 1272/2008, the substance / mixture is not classified as hazardous.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

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: Dangerous Preparations Directive

DSD: Dangerous Substances Directive

EC50: Half Maximal Effective Concentration

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances.

ES: Exposure Scenario

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

IC50: half maximal inhibitory concentration

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

IRCCS: Scientific Institute for Research, Hospitalization and Health Care

KAFH: Keep away from heat

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LDLo: Leathal Dose Low

N.A.: Not Applicable

N/A: Not Applicable

N/D: Not defined/ Not available

NA: Not available

NIOSH: National Institute for Occupational Safety and Health

NOAEL: No Observed Adverse Effect Level

OSHA: Occupational Safety and Health Administration.

PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.