

Safety Data Sheet

KE90899931 - NISSAN AT-MATIC D FLUID_EN_20210526

NISSAN GROUP OF EUROPE



According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

Version:1
Version date:10/09/2021
Language:EN

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

1.1. Product identifier

Trade name/designation : NISSAN AT-MATIC D FLUID

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

Relevant identified uses : Transmission fluid.

1.3. Details of the supplier of the safety data sheet

Supplier : Nissan Motor GB, The Rivers Office Park, Denham Way, Maple Cross, WD3 2YS, Hertfordshire, United Kingdom, +44 (0)1923 899999

1.4. Emergency Telephone Number

United Kingdom: In England and Wales: dial 111 (NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours. During GP Out-of-Hours (www.gpoutofhours.hscni.net/): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

- Hazard pictograms -
- Signal word -
- Product identifiers -
- Hazard Statements -
- Supplemental Hazard information (EU) -
- Precautionary Statements - General -
- Precautionary Statements - Prevention -
- Precautionary Statements - Response -
- Precautionary Statements - Storage -

Precautionary Statements - Disposal

2.3. Other hazards

Other adverse effects : Other hazards which do not result in classification:
Prolonged or repeated contact may dry skin and cause irritation.
This product is not, or does not contain, a substance that is a potential PBT or a vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

This product does not contain any hazardous ingredients at or above regulated thresholds.

3.2. Mixtures

Description

Mixture

3.3. Remark

Mineral oil of petroleum origin.
Product containing mineral oil with less than 3% DMSO extract as measured by IP 346.
There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical attention if symptoms occur.

Following skin contact : After contact with skin, wash immediately with plenty of water and soap.
Remove contaminated clothing and shoes.
Get medical attention immediately if symptoms occur.

Following eye contact : In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Check for and remove any contact lenses.

Following ingestion : Rinse mouth thoroughly with water.
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If material has been swallowed and the exposed person is conscious, give small quantities of water to drink.
Do not induce vomiting unless directed to do so by medical personnel.
Get medical attention immediately if symptoms occur.

Self-protection of the first aider : No action shall be taken involving any personal risk or without suitable training.

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

Symptoms : Eye contact :
No specific data.
Inhalation :
No specific data.
Skin contact :
Adverse symptoms may include the following: irritation, dryness, cracking.

Ingestion :
No specific data.

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

Notes for the doctor : Treat symptomatically.
Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Special treatment : No specific treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.
Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

- In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products

- No specific data.

5.3. Advice for firefighters

- Special protective actions for fire-fighters:
- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
- No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

5.4. Additional information

Not available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- No action shall be taken involving any personal risk or without suitable training.
- Evacuate surrounding areas.
- Keep unnecessary and unprotected personnel from entering.
- Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders

- If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
- See also the information in "For non-emergency personnel".

6.2. Environmental precautions

- Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.
- Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

- Small spills:
 - Stop leak if without risk.
 - Move containers from spill area.
 - Dilute with water and mop up if water-soluble.
 - Alternatively, or if water-insoluble.
 - Absorb spilled product with inert material (e.g., paper or dry sand), followed by placing it in a waste container until disposal.
 - Dispose of via a licensed waste disposal contractor.
- Large spills:
 - Stop leak if without risk.
 - Move containers from spill area.
 - Prevent entry into sewers, water courses, basements or confined areas.
 - Wash spillages into an effluent treatment plant or proceed as follows.
 - Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13).
 - Dispose of via a licensed waste disposal contractor.

6.4. Reference to other sections

- See section 1 for emergency contact information.
- See Section 8 for information on appropriate personal protective equipment.
- See Section 13 for additional waste treatment information.

6.5. Additional information

Not available

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

PROTECTIVE MEASURES

- Put on appropriate personal protective equipment (see Section 8).

Advices on general occupational hygiene

- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Workers should wash hands and face before eating, drinking and smoking. Do not eat, drink or smoke when using this product.
- Remove contaminated clothing and protective equipment before entering eating areas.
- See also Section 8 for additional information on hygiene measures.

7.2. Conditions for safe storage, including any incompatibilities

- Do not store below the following temperature: 30°C (86°F).
- Store in accordance with local regulations.
- Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
 - Keep container tightly closed and sealed until ready for use.
 - Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
- Do not store in open or unlabelled containers.
- Use appropriate containment to avoid environmental contamination.
- Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10).

7.3. Specific end uses

- Recommendation.
 - Not available.
- Industrial sector specific solutions.
 - Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Not available

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection equipment



Eye/face protection

Skin protection

:

:

Suitable eye protection: Safety glasses with side-shields.

Hand protection:

- Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Hydrocarbon-proof gloves: Nitrile rubber, Fluorinated rubber.
- Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.
- Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

- DIN EN 420

- DIN EN 374

- >= 480 minutes

- >= 0.38 mm

Body protection:

- Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

- Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

:

Suitable respiratory protection apparatus:

- Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification.
- Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Respirator with combination filter for vapor/particulate Type A/P1
- Warning filters have a limited use duration.
- The use of breathing apparatus must comply strictly with the manufacturers instructions and the regulations governing their choices and uses.
- None under normal use conditions.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

8.3. Additional information

Hygiene measures :

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reuse.

Ensure that eyewash stations and safety showers are close to the workstation location.

Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Reference should be made to monitoring standards, such as the following:

European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy).

European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents).

European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents).

Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Brown
Odour:	Characteristic
Odour threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	182°C
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	0.8767
Solubility(ies):	Insoluble In The Following Materials: Cold Water And Hot Water.
Partition coefficient: n-octanol/water (Log KOC):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Kinematic (40°C): 0.3344 Cm ² /s
Explosive properties:	Not available
Oxidising properties:	Not Applicable

9.2. Other safety information

Solubility in water : Insoluble.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Avoid all possible sources of ignition (spark or flame). heat.

10.5. Incompatible materials

Strong oxidizing agents.
Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

10.7. Additional information

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Acute oral toxicity

Data for mixture

No known significant effects or critical hazards.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Not available

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

No known significant effects or critical hazards.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Defatting to the skin.
May cause skin dryness and irritation.

Adverse symptoms may include the following: irritation, dryness, cracking.

Substances

Not available

11.5. Eye damage

Data for mixture

No known significant effects or critical hazards.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Not available

Substances

Not available

11.7. STOT SE

Data for mixture

Not available.

Substances

Not available

11.8. STOT RE

Data for mixture

Not available.

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. In vitro genotoxicity

Data for mixture

Not available

Substances

Not available

11.12. Respiratory sensitisation

Data for mixture

Not available

Substances

Not available

11.13. Additional information

Potential chronic health effects:

General.

Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

Skin contact.

Adverse symptoms may include the following:

Irritation:

Dryness.

Cracking.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not available

12.2. Persistence and degradability

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Given its physical and chemical characteristics, the product generally shows low soil mobility.

The product is insoluble and floats on water.

Loss by evaporation is limited.

12.5. Results of PBT and vPvB assessment

This product is not, or does not contain, a substance that is a potential PBT or a vPvB.

12.6. Other adverse effects

Not available

12.7. Additional ecotoxicological information

No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

- Hazardous waste : Yes.
- According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
- Waste codes should be assigned by the user based on the application for which the product was used.
- The following Waste Codes are only suggestions : .13 02 05.

Waste treatment options

- The generation of waste should be avoided or minimized wherever possible.
- Dispose of waste according to applicable legislation.
- Dispose of via a licensed waste disposal contractor.
- Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
- The generation of waste should be avoided or minimized wherever possible.
- Completely emptied packages can be recycled.
- Incineration or landfill should only be considered when recycling is not feasible.
- Special precautions:
 - This material and its container must be disposed of in a safe way.
 - Empty containers or liners may retain some product residues.
 - Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Not regulated.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

NO.

14.6. Special precautions for user

Transport within user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: REGULATORY INFORMATION

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

EU Regulation (EC) No. 1907/2006 (REACH).

Annex XIV - List of substances subject to authorization.

Annex XIV.

None of the components are listed.

Substances of very high concern.

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

Other EU regulations.

Industrial emissions (integrated pollution prevention and control) - Air: Not listed.

Industrial emissions (integrated pollution prevention and control) - Water: Not listed.

Ozone depleting substances (1005/2009/EU).

Not listed.

Prior Informed Consent (PIC) (649/2012/EU).

Not listed.

Seveso Directive.

This product is not controlled under the Seveso Directive.

National regulations

Social Security Code, Articles L 461-1 to L 461-7: NISSAN AT-MATIC D FLUID RG 36

Reinforced medical surveillance: Act of July 11, 1977 determining the list of activities which require reinforced medical surveillance: not applicable

Art. R. 4624-18 to 4624-19 of the labour code (Special medical surveillance).

Not available

15.2. Chemical Safety Assessment

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

15.3. Additional information

Not available

SECTION 16: OTHER INFORMATION

Creation date: 10/09/2021

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16.1. Indication of changes

Not available

16.2. Abbreviations and acronyms

ATE = Acute Toxicity Estimate.

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008].

DMEL = Derived Minimal Effect Level.

DNEL = Derived No Effect Level.

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EUH statement = CLP-specific Hazard statement.

N/A = Not available.

PBT = Persistent Bioaccumulative and Toxic.

PNEC = Predicted No Effect Concentration.

RRN = REACH Registration Number.

VPvB = Very Persistent and Very Bioaccumulative.

16.3. Key literature references and sources for data

Not available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Not classified.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)Not available

16.6. Training advice

Not available

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on european and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.