

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade Name	Multi-Purpose Grease P100
Supplier	Air-Tec Emission Reduction Systems GmbH & Co. KG Speckbrodi 8, D – 86759 Wechingen Tel. +49 (0)9085 – 960 25 80 E-mail: info@air-tec-systems.com www.air-tec-systems.com
Responsible Division	Product Safety Tel. +49 9085 – 96011-1
Emergency Telephone	Tel. +49 9085 – 96011-0 (8:30 - 16:30)
Information Centre Specialising in Symptoms of Poisoning	Tel. +44 870 600 6266

1.1 Relevant identified uses of the substance or mixture and uses advised against

Use: Lubricant

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification and labelling according to Directive 1272/2008/EC
The product is not classified according to the GHS regulation.

2.2 Label elements

Classification according to 1272/2008/EC: Void.
Hazard pictograms: Void.
Signal word(s): Void.
Hazard statements: Void.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Mixture of poly urea in mineral oil with additives.

Dangerous components: Void.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation

Supply fresh air.

4.1.2 Skin Contact

Wash with warm water and soap and rinse thoroughly.

4.1.3 Eye Contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

4.1.4 Ingestion

Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.1.2 Extinguishing Media to Avoid

Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (NO_x)
Carbonmonoxide (CO) and carbondioxide (CO₂)

5.3 Advice for firefighters

5.3.1 Special Protective Equipment

Do not inhale explosion gases or combustion gases. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions

Do not allow product to reach sewage system or water bodies.

6.3 Methods and material for containment and cleaning up

Collect mechanically. Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures required.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers:	Store only in the original container.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	None.
Recommended storage temperature:	room temperature.

7.3 Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

8.2.1 Personal protective equipment

General protective and hygienic measures: The usual precautionary measures should be adhered to when handling the lubricant.

8.2.2 Individual protection measures

Respiratory Protection

Not required

Hand Protection

Protective gloves. Material of gloves: Nitrile rubber, NBR. Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and
has to be observed. Not suitable are gloves made of the following materials: Leather gloves,
strong gloves.

Eye Protection

Safety glasses.

Skin Protection

Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Paste
Colour	Dark yellow
Odour	characteristic
Melting point / Melting range (°C)	Not determined.
Boiling point/Boiling range (°C)	Not determined.
Dropping point (°C)	> 240
Flash point (°C)	> 250, base oil
Danger of explosion	Not determined.
Density at 20 °C (g/cm ³)	0.922
Solubility in / Miscibility with water	Insoluble.
Viscosity kinematic	Not applicable.

9.2 Other information

No further relevant information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

Reacts with strong acids and oxidizing agents

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

None in case of appropriate storage/handling/transport.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

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

Primary irritant effect

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

It is not possible to state the European waste code from the CE catalogue since the classification of these codes is done according to the individual industries. Therefore several codes can be related to one product. The correct classification can be done by the user only.

Uncleaned packagings: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- 14.1 UN-Number**
ADR, ADN, IMDG, IATA: Void
- 14.2 UN proper shipping name**
ADR, ADN, IMDG, IATA: Void
- 14.3 Transport hazard class(es)**
ADR, ADN, IMDG, IATA Class: Void
- 14.4 Packing group**
ADR, IMDG, IATA: Void
- 14.5 Environmental hazards:**
Marine pollutant: No
- 14.6 Special precautions for user**
Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
Not applicable.

15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- National regulations**
Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment**
A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Product Safety Division

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