



SAFETY DATA SHEET

PROFI-CAR AdBlue

Section 1: Identification of the substance / mixture and of the company/undertaking

1.1 Product identifier

Product name: AdBlue

Productcode: 62000

Synonyme:

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

Use of substance / mixture: AdBlue

1.3 Details of the supplier of the safety data sheet

Company name / contact: PROFI-TECH GmbH

Otto-Lilienthal-Straße 2
88046 Friedrichshafen
Tel. +49 7541/40 286-0
Fax +49 7541/40 286-99
info@profi-tech.com

1.4 Emergency telephone number Emergency number:

24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)

24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CHIP: This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

Classification under CLP: This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

Most important adverse effects

2.2 Label elements (DSD/DPD)

Label elements under CLP:

Hazard statements: EUH210 Safety data sheet available on request.

Precautionary statements:

Risk phrases:

Safety phrases:

Precautionary phrases:

2.3 Other hazards

No information available.



Section 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients:

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
1336-21-6	Ammonia ... %			0,1-0,2 %
	215-647-6	007-001-01-2		
	Skin Corr. 1B, Aquatic Acute 1 (M-Factor = 1); H314 H400			

Further Information: Full text of H and EUH statements: see section 16.

Section 4: First aid measures

4.1. Description of first aid measures

Inhalation: Provide fresh air.

Skin contact: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

Eye contact: Rinse immediately carefully and thoroughly with eye-bath or water.

Swallowing: Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings. Water Extinguishing powder Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Non-flammable.

5.3. Advice for fire-fighters

Advice for fire-fighters: In case of fire: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protection equipment.



6.2. Environmental precautions

Environmental precautions: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling: No special measures are necessary.

Advice on protection against fire and explosion: No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Keep container tightly closed.

Suitable packaging: No special measures are necessary.

7.3. Specific end use(s)

Observe technical data sheet.

Section 8: Exposure controls / personal protection

8.1. Control parameters

Hazardous ingredients:

8.2 DNEL/PNEC

DNEL/PNEC:.

8.3. Exposure controls

Protective and hygiene measures: Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink..

Eye/face protection: Wear eye/face protection.

Hand protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection: Wear suitable protective clothing.

Environmental: In case of inadequate ventilation wear respiratory protection.



Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: liquid

Colour: colourless

Odour: Characteristic

Evaporation

Solubility in water:

Also soluble in:.

Viscosity: 2,5 mPa·s

Kinematic viscosity:

Viscosity test method:

Boiling point / range°C: 100 °C

Flammability limits %: not determined

Lower explosion limits: not determined

Upper explosion limits: not determined

Flash point°C: not determined

Autoflammability°C:

Vapour pressure:

Relative density: 1,09 g/cm³

VOC g/l:

9.2. Other information

Other information: No further relevant information available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No hazardous reaction when handled and stored according to provisions..

10.2. Chemical stability

Chemical stability: The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Conditions to avoid: none

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products



Section 11: Toxicological information

11.1. Information on toxicological effects

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
1336-21-6	Ammonia ... %			
	oral	LD50 14300 mg/kg	Rat	

Additional information on tests

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
1336-21-6	Ammonia ... %				
	Acute fish toxicity	LC50 0,53 mg/l	96 h	Onchorhynchus mykiss	
	Acute crustacea toxicity	EC50 24 mg/l	48 h	Daphnia magna	

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1336-21-6	Ammonia ... %	-1,38

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of waste according to applicable legislation.

Recovery operations:

Waste code number: 130205

Disposal of packaging: Wash with plenty of water. Completely emptied packages can be recycled.

Section 14: Transport information

No dangerous good in sense of these transport regulations.



Section 15: Regulatory information

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

WGK: Water contaminating class (D): 2 - water contaminating

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other information

16.1 Other information:

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

EUH210 Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.