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Antifreeze Premix -20°C 9.58007

Description

DT Spare Parts Coolblu Premix 36 is a high quality, premixed and ready to use, engine coolant, antifreeze and corrosion inhibitor. It is based on proven inorganic acid technology and aids in the protection of all metal, polymer and plastic components in contact with the engine coolant. Coolblu Premix 36 is free of borates, nitrites, nitrates, amines and phosphates and is suitable for the cooling systems of a wide variety of petrol and diesel engines.

Product Features

- Permits effective engine cooling without boiling.
- Prevents fouling of cooling systems caused by the use of hard water.
- Protects all metals and alloys used in cooling systems of modern vehicles.
- Compatible with all polymers and plastics found in cooling systems.
- Provides excellent antifoaming characteristics.
- Premixed with water and ready to use.

Application

DT Spare Parts Coolblu Premix 36 is recommended for use in vehicles and equipment where the cooling system needs protection against freezing, boiling and corrosion. Coolblu Premix 36 is premixed with water, and no further water should be added.

Properties	Unit	Typical
Appearance/Colour	Visual	Clear blue liquid
pH		8.9
Boiling Point	°C	106
Freezing Point	°C	-20
Density @ 20°C	g/cm ³	1.049

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Performance Level

International, National And Military Standards

Bs 6580	Fw Heft R 443	Afnor R 15/601
Sae J 1034	Nato S 759	E/L 1415c
Cuna Nc 956-16	Une 26361-88	Astm D 3306; 4985
Jis K 2234	Ksm 2143	Empa

Oem Specifications

Mercedes Dbl 7700	Vw Group Tl 774 C	Ford Esd M97 B49-A
Man 324	Gm 6277 M	Ford Wss-M97b44-C
Chrysler Ms 9176	Bmw N 600 69.0	Ford Esd M97 B49-A
Volvo Reg No 260	Opel Gm Ql 130100	

All reasonable care has been taken to ensure that the information contained in this Product Data Sheet is accurate at the date of issue. It should be noted, however, that the information may be affected by changes, subsequent to the date of issue, in the blend formulation or the requirements of any third-party specification relating to this product or the methods of application. Final determination of suitability of any material is the sole responsibility of the user.

1. Product Identification

Product:	Engine Cooling System Protector. (Coolblu Premix 36?)
Company Identification:	(SAC DT1 SAE?) Coolblu Premix 36
Product Use:	For use in engine cooling systems that need protection against freezing, boiling and corrosion.

2. Composition

Chemical Composition:	Mono Ethylene Glycol, corrosion inhibitor additives and water.
Hazardous Components:	Ethylene glycol diethyl ether

3. Hazards Identification

Hazards:	Contact can cause irritation of skin, eyes and respiratory tract. Extremely dangerous in case of ingestion.
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4. First Aid Measures

Eye Contact:	Flush the eye with large amounts of water, holding eyelid open. Take care not to flush contaminated
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water into the non-affected eye. Removal of contact lenses should only be undertaken by skilled personnel. If irritation persists, seek medical attention.

Skin Contact: Immediately remove all contaminated clothing, including footwear. Flush exposed area with large amounts running water and soap. Seek medical advice if persistent irritation occurs.

Ingestion: DO NOT INDUCE VOMITING because of danger of aspirating liquid into lungs. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove the victim from the contaminated area - allow the victim to rest in a well-ventilated area. If the victim is not breathing, perform artificial respiration. Seek medical attention.

5. Fire Fighting Measures

Extinguishing media: In case of fire use water sprays, fog or standard foam. DO NOT USE water jets. Water may be used to cool nearby heat exposed areas, objects, and packages. Avoid spraying directly into storage containers because of the danger of boil-over. Move container away from fire area if you can do it without risk.

Special hazards: Fires in confined areas should be dealt with by trained personnel wearing approved breathing apparatus. Toxic fumes may be evolved on burning or exposure to heat.

Protective clothing: Use suitable protective breathing apparatus.

6. Accidental Release Measures

Personal precautions: Any spillages should be regarded as a potential fire risk. In the event of spillage, remove all sources of ignition and ensure good ventilation. Spilled material may make surface slippery. Clean up spilled material immediately. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated.

Environmental precautions: Do not wash product into drainage systems, protect drains from potential spills to minimize contamination. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover from the surface. Protect environmentally sensitive areas and water supplies. Minimize contact of spilled material with soils to prevent runoff to surface waterways.

Small Spills: Clean up the material immediately. Contain and recover spilled material using sand or other suitable inert absorbent material.

Large Spills: Recovery of large spills should be affected by specialist personnel.

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7. Handling And Storage

Handling precautions:	Avoid contact with skin and observe good personal hygiene. Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths in pockets. Take necessary precautions against accidental spillage into soil and water. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times.
Storage precautions:	Store under cover away from heat and sources of ignition.

8. Exposure Controls/Personal Protection

Exposure Limits:	There is no appropriate exposure limit to this specific material.
Engineering Measures:	The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. If vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level.

Personal Protective Equipment

Respiratory system:	Respiratory protection is unnecessary, provided the concentration of vapour, mists or fumes is adequately controlled. The use of respiratory equipment must be strictly in accordance with any statutory requirements governing its selection and use.
Hands:	Use chemical resistant, impervious gloves.
Eyes:	Safety goggles with side shields. Goggles with a face shield may be necessary depending on quantity of product and conditions of use.
Skin:	Disposable outer garments where there is the potential for contact with the material.

9. Typical Properties

Properties	Unit	Typical
Appearance/Colour	Visual	Clear blue liquid
pH		8.9
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10. Stability And Reactivity

Conditions to avoid:

Sources of ignition. Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gasses, including carbon monoxide.

Incompatible Materials:

Avoid contact with strong oxidising agents.

Stability:

Stable at ambient temperatures. Hazardous polymerization reactions will not occur.

11. Toxicological Information

Skin contact:

Slightly hazardous in case of skin contact (irritant).

Eye contact:

Slightly hazardous in case of eye contact (irritant).

Ingestion:

Extremely dangerous in case of ingestion.

Inhalation:

Slightly hazardous in case of inhalation (lung irritant). Can cause nausea, headaches and vomiting.

12. Ecological Information

Aquatic toxicity:

Spills may cause physical damage to organisms; oxygen transfer could also be impaired.

Biodegradability:

This product is inherently biodegradable.

Bioaccumulation:

There is no evidence to suggest bioaccumulation will occur.

Mobility:

Spillages may penetrate the soil causing ground and water contamination.

13. Disposal Considerations

Disposal Methods:

Where possible, arrange for the product to be recycled. Dispose via an authorized person/ licensed waste disposal conductor in accordance with local regulations.

14. Transport Information

Road Transport:

Not classified as hazardous for transport.

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15. Regulatory Information

EEC hazard classification:

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

OTHER INFORMATION:

This data sheet and health, safety and environmental information it contains are considered to be accurate as of the date specified below. We have reviewed any information contained herein which we received from sources outside Diesel Technic and/or its distributor SAC Commercial Parts. However, no warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorisation given or implied to practice any patented invention without a valid license. Diesel Technic and/or its distributor SAC Commercial Parts shall not be held responsible for any damage or injury resulting from abnormal use of material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.

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