

SAFETY DATA SHEET

Under Regulation (CE)1907/2006 And Regulations (CE)453/2010

Product Name: **COOLING CIRCUITS (ARCJET T12)**

Article code: MGB 9912

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

Identification of the preparation:

LIQUID COOLING CIRCUITS (art. 973 CB / P - CB
974/P - CB 973 - CB 974 - CB 978) monopropylene glycol contains 30%

Revision Date: 07/01/2015
Data preparation: 16/01/2014
Revision n.09

Use of the preparation:

FLUID ANTIFREEZE FOR CIRCUITS COOLING

Identification of the manufacturer:

ARC Schweissbrenner GmbH, Friedrich-Ebert-Straße 1, 36251 Bad Hersfeld, Germany
Phone: 06621-7986400, Fax: 06621-7986425

Emergency phone:

First aid phone: 112
Poison emergency call Mainz phone: 0 6131-192 40

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS:

- Contained substances classified as dangerous according to Directive 67/548 / EEC (and succ. Changes):
- MIXTURE OF ORGANIC AND INORGANIC SUBSTANCES GLYCOL
- Monopropylene glycol
- Demineralized water

3. HAZARDS IDENTIFICATION

The preparation is classified as dangerous according to Directive NOT Regulation (CE N° 1272/2008(CPL)

Hazards to human health:

The preparation is not considered dangerous to health during normal use. The usual rules of good industrial practice are sufficient for the safe use of the product.

Environmental hazards:

The product does not present significant hazards to the environment.

4. FIRST AID MEASURES

Inhalation:

expose themselves to fresh air Remove person and keep at rest in open air.If you feel unwell, see your doctor.

Skin contact:

Rinse immediately with plenty of water and soap, any area of the body may be coming in contact with the product. Eye Contact: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if possible. Do not use eye drops or other medications without consulting your doctor.

Ingestion:

SEEK MEDICAL ATTENTION IMMEDIATELY. Do not induce vomiting.

Effects and symptoms:

Skin contact:

May arise slight irritation with redness.

Eye contact:

Sting and irritation.

Ingestion:

If swallowed, may occur nausea, vomiting, diarrhea.

5. FIGHTING MEASURES

Specific hazards:

Exposure to fire or heat can cause rupture or explode. The product is not flammable.

Hazardous combustion products:

In case of fire, the burning product gases are harmful to health, in particular carbon oxides (CO, CO₂). Avoid breathing the fumes. In case of fire, the vapors may propagate flame.

Extinguishing Media:

Indicators: carbon dioxide extinguishers or powder.

Specific methods:

Move containers of the fire, if this is not a risk. Cool containers with water jets to prevent pressure or explosion.

Special Protective Equipment:

For authorized personnel to intervene: Protective clothing resistant to fire and heat; Protective gloves resistant to fire and heat; Autonomous insulating breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Indossare indumenti protettivi, guanti, occhiali antispruzzo e maschera con filtro specifico per vapori organici.

Environmental precautions:

Limit leakages with earth or sand. If the product has escaped into a water course, into the drainage system, or has contaminated soil or vegetation, notify the competent authorities.

Methods for cleaning up:

Recover the product for re-use if possible, or for elimination. Prevent it from entering the sewer system, basements or confined areas; stem, if necessary, with an inert material. After collection, wash with water the area and materials involved.

Seek assistance for disposal.

7. HANDLING AND STORAGE

Handling:

Use suitable protective clothing.
Use in adequately ventilated premises.
Keep containers away from heat sources or ignition.
Do not eat, drink, places of employment.
Do not smoke while using.
None in particular.

Incompatible materials:

8. PERSONAL PROTECTION / EXPOSURE

Specific measures:

Respiratory protection:

Hand protection:

Eye protection:

Skin protection:

Monitoring environmental exposure:

Assicurare una buona ventilazione generale dei locali dove il prodotto viene impiegato e manipolato.
Non necessaria nelle normali condizioni di utilizzo.
Wear protective gloves, eg. neoprene (Norme: Uni En 374; Uni En 420)
Occhiali a mascherina (Uni En 166)
Indumenti protettivi a manica lunga (Norma Uni En 340).
If necessary, depending on the specific mode of use of the product, perform environmental monitoring to check the levels of exposure of workers.
Any atmospheric emissions, must take place within the limits provided for by specific legislation (D.P.R. 203/1988).

9. PHYSICAL AND CHEMICAL

Appearance:

Color:

Odour:

PH:

Range:

Flash point:

Ignition temperature:

Field Explosive

Vapor pressure:

Water solubility:

Liposolubilità:

liquid
transparent
lemon fragrance
neutral
the AC 100 ° C
not flammable
n.a
n.a
n.a
Soluble in water
Soluble in organic solvents

10. STABILITY AND REACTIVITY

Conditions to avoid:

Materials to avoid:

Products of decomposition:

The product is stable under normal conditions
strong oxidizers
Not known.

11. INFORMAZIONI TOSSICOLOGICHE

Local effects:

Eye irritation:

Sky irritation:

Specific effects:

Mutagenicity:

Teratogenic effects:

irritante.
Prolonged, repeated contact may cause irritation.
Carcinogenic effects: Not carcinogenic..
Not mutagenic.
Not teratogenic.

12. ECOLOGICAL INFORMATION

Persistence and degradability:

Bioaccumulation potential:

Readily biodegradable.
It is believed that the integrated environmental half-life is between 1 and 10 days.
Degradation in both aerobic and anaerobic conditions.
The vapors are degraded in the atmosphere by photochemical reaction.
Involves a risk in the reduction of the oxygen content of the water.
does not give significant phenomena of bioaccumulation.

13. DISPOSAL INFORMATION

Send any remaining product and empty packaging to recovery plants, if possible, or authorized disposal. Proceed according to local and national.

14. TRANSPORT INFORMATION

No particular restriction.

15. REGULATORY INFORMATION

Labelling:

Symbols:

Risk Phrases:

In accordance with directives (CE) 1907/2006 and Regulation European 453/2010
No
No

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3:

R36: Irritating to eyes

R67: Vapours may cause drowsiness and dizziness

Main bibliographic sources:

I.N.R.S. "Fiche toxicologique"

NIOSH: "The registry of Toxic Effects of Chemical Substances, ottobre 2002

ACGIH - "TLV/BEI, 2002"

The information is based on our knowledge at the date indicated above. It refers solely to the product indicated and constitutes no guarantee of particular quality. The user must ensure the suitability and completeness of such information in relation to the use they intend to do. This sheet supersedes all previous editions.