

EK-CryoFuel Loop Cleaner + Superflush (Concentrate 250 ml)

3831109897720



MANUAL LANGUAGES

EN DE ES JP

USER GUIDE

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1. PRODUCT AND COMPANY INFORMATION

3831109897720 – EK-CryoFuel Loop Cleaner + Superflush (Concentrate 250 ml)

Warrantor and Manufacturer Information:

Company Name: EKWB, d. o. o.
Address: Poslovna cona Žeje pri Komendi, Pod lipami 18
Zip Code: 1218
Town: Komenda
Country: Republic of Slovenia
Phone: +386 59 096 610
E-mail: info@ekwb.com

2. PACKAGE CONTENT

- 250 ml bottle of EK-CryoFuel Superflush Concentrate (3831109897713)
- 250 ml bottle of EK-CryoFuel Loop Cleaner Concentrate (3831109897690)

3. INTENDED USE

The EK-CryoFuel Loop Cleaner and Superflush bundle includes both the cleaning and flushing solution concentrates that you will need to prepare a new liquid-cooling loop or clean an existing one. This bundle of carefully engineered products is the perfect one-two punch for preparing radiators before first use, removing manufacturing residues, and cleaning coolant stains from liquid-cooling components.

4. SAFETY WARNINGS AND COMPLIANCE

The product is in compliance with Regulation (EC) 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH).

4.1 PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear chemical splash-proof goggles or a face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

4.2 FIRST AID

General Notes

Do not give an unconscious person anything by mouth. Place the patient in a recovery position and ensure airway patency. When in doubt or if feeling unwell, seek medical assistance. Show the safety data sheet and label to the physician.

Following Inhalation

Relocate the patient to a place with fresh air - move out of the dangerous area. Obtain professional medical help!

Following Skin Contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

Following Eye Contact

Immediately flush the eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

Following Ingestion

Do not induce vomiting! Rinse the mouth thoroughly using water. Do not give an unconscious person anything by mouth. Consult a physician and show them the safety data sheet or label.

5. INSTRUCTIONS

- **3831109897713 – EK-CryoFuel Superflush (Concentrate 250 ml)** – mix the concentrate with distilled water in a ratio of 1:11. This will result in 3000 ml of Superflush mix liquid.
- **3831109897690 – EK-CryoFuel Loop Cleaner (Concentrate 250 ml)** – mix the concentrate with distilled water in a ratio of 1:5. This will result in 1500 ml of cleaner mix liquid.

5.1 CLEANING THE RADIATOR



WARNING: Care must be taken to ensure that the EK-Cleaning Solution Concentrate liquid does not come into contact with the eyes or skin. Indications on the label only apply to the concentrate. Once the working solution is prepared, the use of protective equipment is no longer necessary.

1. Mix EK-CryoFuel Loop Cleaner (Concentrate 250 ml) with distilled water in a ratio of 1:5 (to obtain 1500 ml of liquid, hereinafter: Cleaner mix).
2. Fill about 2/3 of the radiator with the Cleaner mix liquid, seal the radiator with plugs and shake the liquid well.
3. Dispose of the liquid after a few minutes.
4. Fill the radiator with Cleaner mix to the brim and let it sit in the radiator for at least two hours. We recommend eight hours for optimal results (but not more than 24 hours). Shake the radiator several times during this time.
5. Drain the Cleaner mix from the radiator, replace it with distilled water, shake the radiator and pour the distilled water out.
6. Repeat the process with distilled water until all free particles have been removed from the radiator.

5.2 CLEANING THE ENTIRE SYSTEM



WARNING: During the cleaning process, the system must not be burdened to avoid an increase in temperature!



WARNING: In the case of non-epoxidized aluminum components coming in contact with the Cleaner mix liquid in the system, it is recommended to rinse the system for one to three hours, but not more than twice. Failure to do so may result in an aluminum reaction on the surface.



WARNING: Care must be taken to ensure that the EK-Cleaning Solution Concentrate liquid does not come into contact with the eyes or skin.

Indications on the label only apply to the concentrate. Once the working solution is prepared, the use of protective equipment is no longer necessary.

1. Mix EK-CryoFuel Loop Cleaner (Concentrate 250 ml) with distilled water in a ratio of 1:5 (to obtain 1500 ml of liquid, hereinafter: Cleaner mix).
2. Fill the system with a Cleaner mix and allow the mixture to circulate through it for about eight hours (not more than 24 hours). The procedure may be repeated no more than twice. If you do it twice, the first pumping should last two hours and the second up to 24 hours.
3. Drain the Cleaner mix from the system, then fill the system with the prepared Superflush mix solution (see instructions for EK-CryoFuel Superflush) and allow it to circulate for fifteen minutes.
4. Rinse the system with Superflush mix until there are no more visible cleaning agent residues (foam). If the liquid starts to foam too much, it is necessary to reduce the pump speed.
5. Once the system has been rinsed, fill it with fresh Superflush mix solution and allow it to circulate in the system for 24 hours.
6. After 24 hours, drain the Superflush mix from the system, then fill the system with the selected EK-CryoFuel coolant.
7. The system is now ready for use.

5.3 CLEANING THE ENTIRE SYSTEM – CHANGING THE COLOR OF COOLANT

1. Drain the old colored coolant from the loop and flush with tap water until the water leaving the system is clear
2. Follow the "5.2 CLEANING THE ENTIRE SYSTEM" process

5. STORAGE AND DISPOSAL

Store at temperatures between 5 and 30 °C.

Do not expose to direct sunlight.

In case of a fire, toxic gases can be generated; do not inhale gases/smoke.

Ensure adequate ventilation.

Do not breathe vapor or mist. Avoid contact with skin, eyes, and clothing.

Use general or local exhaust ventilation to prevent inhaling vapors and aerosols.

Do not discharge into drains, surface water, and soil. After use, immediately close the container tightly.

Use good personal hygiene practices – wash hands during breaks and when done working with the material.

Do not eat, drink or smoke while working. Do not breathe vapors/mist. Avoid contact with skin, eyes, and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment.

Keep in a cool, dry, and well-ventilated place. Keep away from food, drink, and animal feeding stuffs.

Store only in the original container.

Close opened containers after use. Put the containers upright to prevent leaking. Do not store it in unlabeled containers.

Use personal protective equipment.

Absorb product (with inert material), collect it in a special container, and dispose of it to a licensed hazardous-waste disposal contractor. Prevent release into the sewer, water, basements, or confined areas. Ventilate the premises. Clean the contaminated area with plenty of water.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters. Do not discharge effluent containing this product into sewer systems. In case of release into the environment, inform the relevant authorities.

7. LIMITED TWO-YEAR WARRANTY

Warrantor warrants that the Products indicated above will be free of any defect in design, materials or workmanship, subject to the exclusions below for a period of two years if used for the purpose for which it was designed, provided it was used and stored pursuant to this manual.

If the delivery to the customer's address was agreed at the time of purchase, the warranty period commences to run with the completion of the delivery. If the customer elects to pick up the goods at the seller, the warranty period commences to run with the handover of the purchased items.

Warrantor undertakes, at its sole discretion, to replace the Product at its own cost if express warranties contained herein are breached during the warranty period. Depending on the availability of a replacement and Product obsolescence, Warrantor will replace the Product; however, in case the replacement is not possible, Warrantor may provide all or some of the following alternative options at the choice of the customer: a successor model substitute, webshop credit in the amount of the original purchase price, reimbursement of the original purchase price. Provided the product defect falls within the scope of this warranty, Warrantor will bear the costs of delivery of the replaced or substitute Product to the customer.

If the defective Product is replaced, the warranty period shall reset and begin running anew upon the dispatch of replacement Product.

7.1 WARRANTY EXCLUSIONS

Defects that cannot be attributed to the Warrantor or are caused by reasons outside the Warrantor's control are excluded from this warranty, including, but not limited to, the following:

- a) immaterial deviations from the Product specifications that do not materially affect the Product's form or function;
- b) changes of appearance or colour due to normal wear and tear;
- c) changes of appearance or colour due to inappropriate storage conditions;
- d) other defects caused by non-compliance with this manual (e. g. exposure to excessive or too low temperatures, exposure to direct sunlight, storage in non-original containers, etc.).
- e) use of the product for purposes other than those for which the product was designed or is intended, pursuant to this manual;
- f) defects caused by a combination of the products with non-EKCS branded products not authorized by EKWB, whether technically compatible or not;

7.2 WARRANTY LIMITATIONS

- a) **DISCLAIMER OF WARRANTIES; LIMITATION OF LIABILITY:** except for the warranties expressed herein, Warrantor disclaims all other warranties, either express or implied, including implied warranties of merchantability or fitness for a particular purpose, other than those warranties implied by and incapable of exclusion, restriction, or modification under applicable law. The term of any implied warranties that cannot be disclaimed are limited to the term of this agreement. Warrantor's and Buyer's maximum liability to the other is limited to the purchase price paid for products plus interest as allowed by law. Neither Buyer nor Warrantor is liable to the other if either is unable to perform due to events they are not able to control, such as acts of god, or for property damage, personal injury, loss of use, interruption of business, lost profits, lost data or other consequential, punitive or special damages, however caused, whether for breach of warranty, contract, tort (including negligence), strict liability or otherwise, other than those damages that are incapable of limitation, exclusion, or restriction under applicable law. This agreement gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction. Some jurisdictions do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
- b) This warranty does not apply to defects that were known to the customer at the time of purchase or that could not have remained hidden to a reasonably prudent customer upon ordinary inspection of the product upon receipt.
- c) Any warranty claims are subject to proof of purchase and the date of purchase (e.g. purchase invoice, shipping slip). In the case of products granted as complimentary samples, gifts during promotional actions, or rewards during promotional events, any warranty claims are subject to proof of acquisition and the date of acquisition. Warrantor reserves the right to reject warranty claims without proof of purchase or acquisition
- d) Warrantor shall not be obligated to provide any warranty service or obligations unless customer has paid its purchases in full under this or any other Warrantor's invoice. Under no circumstances shall warrantor be liable for any loss, cost, expense, inconvenience, or damage exceeding the purchase price of the product.

7.3 WARRANTY CLAIMS PROCEDURE

Detailed warranty conditions and warranty claims procedure are set forth below and also accessible through your web shop account available at <https://www.ekwb.com/shop> under the My Returns section. The warrantor reserves the right to reject claims not placed in compliance with the warranty claims procedure.

- a) Contact the team via the customer service section of the webpage <https://www.ekwb.com/returns>. Provide proof of purchase/acquisition, the details on the defect and supporting photo or video evidence. Once the team determines whether the product issue is covered by the warranty, Buyer will be informed and issued or rejected a Return Merchandise Authorisation (hereinafter: RMA).
- b) If Warrantor has determined that the product issue is covered by the warranty and granted the Buyer a RMA, Buyer may begin the warranty claims procedure through their web shop account under My Returns. Buyer may choose the product(s) they want replaced in the drop-down menu. If Buyer placed an order without creating a web shop account (i.e. as a guest), they will need to create a web shop account before initiating the warranty claims procedure and manually enter the product(s) they want replaced due to defect covered by the warranty.
- c) Request and print out the return merchandise authorisation (RMA) request, per the instructions found on the document.
- d) You may only proceed with the return once the return merchandise authorisation (RMA) has been granted. EKCS reserves the right to reject any returns shipped back without the return authorisation or without the RMA form. Such items will be disposed of upon reception.
- e) Scan or take a photo of the filled-out RMA document and attach it to the portal as requested.
- f) Securely pack the product(s), preferably in its original packaging, and mark the package with the RMA number provided by EKWB at the EKWB web shop/My Returns. Include the RMA document in the package.
- g) Print out and affix the shipping label to the package.
- h) Send the package to the address stated on the shipping label.

7.4 DISPUTE RESOLUTION AND GOVERNING LAW

The warranty is subject to the laws of the Republic of Slovenia, without regard to conflict of laws principles and without giving effect to any choice or rule that would cause the application of laws of any other jurisdiction. The application of the UN Convention on Contracts for the International Sale of Goods (CISG) from 11 April 1980 shall be excluded.

The disputes shall be settled amicably, through negotiation and in good faith. Any controversy, dispute or claim arising out of or in connection with this Agreement, including the validity, breach or termination thereof, that cannot be resolved amicably shall be finally settled by arbitration in accordance with the Arbitration Rules of the Ljubljana Arbitration Centre at the Chamber of Commerce and Industry of Slovenia with the application of the Rules for Expedited Arbitral Proceedings. The Arbitral Tribunal shall be composed of a sole arbitrator. The seat of the arbitration shall be Ljubljana, Slovenia. The language to be used in the arbitral proceedings shall be English.

Notwithstanding the foregoing, the plaintiff shall also be entitled to file a petition for injunction to and enforce the final arbitral or judicial award before the court competent according to the rules valid at the defendant's registered seat.

8. LIMITATIONS

Mix the concentrate with distilled water. Do not mix with other fluids. Mixing with other fluids may decrease or cancel the desired effect.

9. SPECIAL HANDLING

The liquid is not flammable. The Loop Cleaner vapor is not flammable. The SuperFlush vapor may ignite under special conditions, open fire, and temperatures above 150 °C

The liquid should not get frozen. The effect of freezing is settling. In case of freezing, shake well after thawing.

9. SHELF LIFE

Two years from the day of manufacturing.

10. SUPPORT AND SERVICE

In case you need assistance, please contact:
<https://www.ekwb.com/customer-support/>

11. SOCIAL MEDIA



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