

Coolant Dermal Irritation Troubleshooting

The following are potential resolutions for dermal irritation potentially caused by machining fluids. Please contact your Fuchs representative if additional technical or product selection support is needed.

Product concentration

Within recommended range	No action
Above/below recommended range	Adjust concentration to within range

Dirt loads

Low (<50 ppm)	No action
High (>50 ppm)	Inspect filtration for effectiveness
Unknown	Submit sample to Technical Services

pH Level

Normal (8.0-9.5)	No action
Low (>9.5)	Check for coolant or cleaner contamination

Metals being machined

Cobalt, Nickel, Chromium, Zinc	Submit sample for metals analysis
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Sources of contamination

Coolants, Cleaners, Machine Oils	Minimize contamination potential, submit sample
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PPE Use

Gloves	If no, recommend use where appropriate
Barrier Creams	If no, recommend. If yes, verify cream is compatible

Operator Training

Appropriate hygiene practices	If no, provide, review and ensure adherence
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