



FORGE EASE is a dry lubricant in a water carrier. The ingredients are a proprietary cellulose mix, sodium nitrate and high pressure lubricants. FORGE EASE is a light honey colored liquid with a viscosity of 350 to 700 and a ph of 8 to 10. FORGE EASE is applied to warm (350 to 750F) tools and dies so that the water flashes off leaving a dry high temperature lubricant coating.

FORGE EASE is non-toxic when used as recommended however if overexposure occurs and there is any noticeable reaction medical treatment is recommended.

BLACKSMITHS:

Dilute 1:1 with tap water. Dip hot tools in FORGE EASE solution to cool and coat / recoat with FORGE EASE. The dry solid film should be a whitish tan color. For best results precoat tools before starting jobs and between steps or heats.

IF the tool is too hot the film will look like burnt on black grease and is ineffective. Dip the tool again to correct the coating.

Water lost from the quench due to evaporation can be replaced to make the product last longer. Take care not to over dilute.

WARNING: Reduced friction can cause greater penetration than normal and possible damage to tools.

WARNING: Using this material on open dies that are not perfectly aligned OR are in loose guides that can shift will squirt metal in unexpected ways.

WARNING: Sensitive alloys such as H13 should not be quenched when red hot or at high heat as damage to the tool may result. The tool only needs to be at the "sizzling" point of 350°F (177°C) or above to produce the necessary coating of dry lubricant.

INDUSTRIAL FORGERS:

For difficult forgings dilute FORGE EASE 1:8 with tap water. Less difficult forgings may use dilutions up to 1:15. Spray/mist FORGE EASE on warm dies between forgings as needed. Contact Fuchs for technical advise.

[SDS](#) are available from the manufacturer Fuchs Co. or on-line from anvilfire.com as PDF files. Export code is 3403.99.0000

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