

NASA Glenn Research Center

Scoring Methodology for Environmentally Preferable Products

Machine shop: Lubricating, cooling, cutting fluid; tapping oil

<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>■ = Affirmative Procurement (recycled or biobased)</p> <p>■ = Contains moderate amount of "red" chemicals, mod TRI, RCRA flam/corrosive</p> <p>■ = Contains higher amount of HAP, certain RCRA, CERCLA, less mod SARA (TRI) chemicals, petroleum product (mining & nonrenewable)</p> </div> <div style="width: 55%;"></div> </div>						
<u>Product</u>	<u>Manufacturer</u>	<u>Env'l Issues</u>	<u>OSHA listed</u>	<u>T=Tested by GRC</u>	<u>Comments</u>	<u>MSDS links:</u>
Acculube LB-1100 Metalworking Lubricant	ITW Fluid Products Group	.01% phenolic antioxidant		T	Blue viscous fluid	http://msds.grc.nasa.gov/msds/msds2000/grc-6092-2075.pdf
Safetap Plus	ITW Fluid Products Group	CERCLA/RCRA		T	Fluid	http://msds.grc.nasa.gov/msds/msds2000/grc-6098-2075.pdf
Tap Magic Formula 2 Eco-Oil	Steco Corporation	Petroleum		T	Oil - Good on stainless steel	http://msds.grc.nasa.gov/msds/msds2000/grc-6091-954.pdf
Pantera-Oil MGWS	Pantera Inc.				Oil - Almost all biobased	http://www.sustainableproductsinc.com/Panterra/MWGS_MSDS_2003.pdf
Acculube #10 Perfect Tapping Oil Metalworking Lubricant	ITW Fluid Products Group	.01% phenolic antioxidant		T	Pourable pink paste	http://msds.grc.nasa.gov/msds/msds2000/grc-6092-2075.pdf