

RM 48 ASF

Phosphating agent, liquid

PRODUCT INFORMATION

combined degreasing and phosphatizing agent

Properties:

- * combined degreasing and phosphatizing liquid
- * liquid, acid
- * causes grey or blue iron phosphate coatings (approx. 2 µm)
- * causes temporary corrosion protection and forms a good base for paints
- * easy to store and to handle
- * fast separation of oil and water in the oil separator (ASF)
- * surfactants easily biodegradable according to OECD
- * pH -approx. 2 in concentrate
- * clear, colourless liquid

Fields of application:

- * motor vehicle shops
- * metal processing industry
- * trade
- * treatment of repaired parts
- * preparation for spraying

Processing:

	dosing	temperature
* high pressure	0,5 – 1%	80-140°C
* Phosphatizing plant:	concentration and dosage according to the instruction of the producer	

General validity for the dosage:

pH value in the jet must be 4,5 - 5

Economy:

1 L RM 48 ASF is sufficient to phosphatize of approx. 10 m², dosage 1 % at the high pressure appliance, medium soiled area.

Handling (Phosphatizing plant):

first measure the necessary amount of water, then add RM 48 ASF under stirring and mix properly.

Remarks:

- * pay attention to the local waste water introductory regulations
- * for drying the parts quickly rinse them with hot water
- * store frostfree

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Attention:

Xi Irritant; R 36 Irritating to eyes.

S 23 Do not breathe aerosol.

S 24 Avoid contact with skin.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

S 51 Use only in well-ventilated areas

S 60 This material and its container must be disposed of as hazardous waste.

Certificates from neutral institutes:

* DEKRA certificate of ASF (easy to separate) efficiency

Further information:

* Material safety data sheet

Process:

Object: e.g. sheet steel

* dosing of approx. 0,5-1% at the machine, temperature approx. 100°C

* pH-value in the high pressure jet must be 4,5 - 5

* spray the sheet steel from bottom to top until there is a grey/blue iron phosphate coating

* for drying the parts quickly rinse them with hot water

Alternative:

* RM 47 ASF phosphating agent, powder