



## Technical Data Sheet

# DOWSIL™ 5-7203 WE Emulsion

### FEATURES & BENEFITS

- Low fogging fat liquor for post tanning operation of natural leather as measured by gravimetry test DIN 75201B when using 12% of the emulsion weight by weight of dry hide.

Organofunctional silicone microemulsion

### APPLICATIONS

- Fat liquor for leather treatment during wet blue post-tanning operations.

### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Appearance		Clear to slightly hazy liquid
Silicone Content	% w/w	17
Emulsifier Type		Non-ionic
pH		4.5-6.0
Fogging (DIN 75201 B - Gravimetric Method) <sup>1</sup>	mg/50 cm <sup>2</sup>	< 5

<sup>1</sup>DIN: Deutsche Industrie Norm. Test details are available upon request.

### DESCRIPTION

DOWSIL™ 5-7203 WE Emulsion is an organofunctional siloxane microemulsion.

### HOW TO USE

DOWSIL 5-7203 WE Emulsion has been evaluated as a direct replacement for conventional organic fat liquors during the fat-liquoring step. The recommended addition level is 6 to 12% of emulsion, calculated as a percentage of the initial wet blue leather. The fat-liquoring step should be accomplished above 50°C (122°F). After the addition of the fat liquor, adjust the pH of the solution to 3 to 4.

**HANDLING PRECAUTIONS**  
**PRODUCT SAFETY**  
**INFORMATION REQUIRED FOR**  
**SAFE USE IS NOT INCLUDED IN**  
**THIS DOCUMENT. BEFORE**

**HANDLING, READ PRODUCT**  
**AND SAFETY DATA SHEETS AND**  
**CONTAINER LABELS FOR SAFE**  
**USE, PHYSICAL AND HEALTH**  
**HAZARD INFORMATION. THE**  
**SAFETY DATA SHEET IS**  
**AVAILABLE ON THE DOW**  
**WEBSITE AT**  
**WWW.CONSUMER.DOW.COM,**  
**OR FROM YOUR DOW SALES**  
**APPLICATION ENGINEER, OR**  
**DISTRIBUTOR, OR BY CALLING**  
**DOW CUSTOMER SERVICE.**

### USABLE LIFE AND STORAGE

When stored between 0°C (32°F) and 35°C (95°F) in original, unopened containers, product has a usable life of 360 days from the date of production.

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## **HEALTH AND ENVIRONMENTAL INFORMATION**

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, [www.consumer.dow.com](http://www.consumer.dow.com) or consult your local Dow representative.

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