

**! 1. Identification of the substance/preparation****Name of product**

Lithofin MN-Colour-Intensifier

**Recommended intended purpose(s)**

Impregnator

**! 2. Composition/information on ingredients****! Chemical characterization**

Solvent based Impregnator

**! Hazardous ingredients**

CAS-No.	EC-No.	Name	[% weight]	Classification
001330-20-7	215-535-7	xylene	< 12,5	R10; Xn R20/21; Xi R38
064742-82-1	265-185-4	Naphtha (petroleum), hydrodesulfurized heavy	> 15	Carc.Cat.2 R45; Xn R65
064742-95-6	265-199-0	Solvent naphtha (petroleum), light arom.	> 20	Carc.Cat.2 R45; Xn R65

**Additional advice**

Benzene &lt; 0,1 %

**! 3. Special hazards information for man and environment****! R-phrases**

10	Flammable.
20/21	Harmful by inhalation and in contact with skin.
37	Irritating to respiratory system.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
67	Vapours may cause drowsiness and dizziness.

**! 4. First aid measures****General information**

Remove contaminated soaked clothing immediately.

**In case of inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off immediately with soap and water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**! In case of ingestion**

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

**5. Fire-fighting measures****Suitable extinguishing material**

Foam

Dry powder

Carbon dioxide

sand

**Extinguishing material that may not be used for safety reasons**

Full water jet

**Special exposure hazards arising from the substance, combustible products or resulting gases**

In case of fire formation of dangerous gases possible.

**6. Accidental release measures****Personal precautions**

Ensure adequate ventilation.  
Use personal protective clothing.

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**Methods for cleaning up/taking up**

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

**7. Handling and storage****Advice on safe handling**

Use only in thoroughly ventilated areas.  
Use solvent-resistant equipment.  
Take the usual precautions when handling with chemicals.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking  
Take precautionary measures against static discharges.

**Further information on storage conditions**

Keep container dry, tightly closed and store at cool and aired place.

**8. Exposure controls / personal protection****Ingredients with occupational exposure limits to be monitored**

CAS-No.	Name	Code	[mg/m <sup>3</sup> ]	[ml/m <sup>3</sup> ]	Remark
	naphtha (petroleum), arom. 1-25 %	MAK	500	100	31, TRGS 901-72
	naphtha (petroleum), arom. > 25 %	MAK	200	50	31, TRGS 901-72
001330-20-7	Xylol (alle Isomeren)	MAK	440	100	H

**Respiratory protection**

Breathing apparatus in the event of high concentrations.  
Short term: filter apparatus, filter A

**Hand protection**

chemical-resistant gloves

**Eye protection**

safety goggles

**General protective measures**

Avoid contact with eyes and skin

**Hygiene measures**

At work do not eat, drink and smoke.

**! 9. Physical and chemical properties****Form**

liquid

**Colour**

colourless, clear

**Odour**

aromatic

**Data relevant for safety**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not applicable				
<b>starts to boil</b>	> 130 °C				
<b>Flash point</b>	> 23 °C				
<b>Lower explosion limit</b>	ca. 0,6 Vol-%				

Safety data-sheet (91/155 EEC)

Printed

19.10.2002

Revision

25.09.2002

(GB) Version 1.2

**Lithofin MN-Colour-Intensifier**

	Value	Temperature	at	Method	Remark
<b>Upper explosion limit</b>	ca. 8 Vol-%				
<b>Density</b>	ca. 0,9 g/cm <sup>3</sup>				
<b>Solubility in water</b>					more or less insoluble
<b>Viscosity 1 Outflow time</b>	< 30 s			ISO 2431/3 mm	

**10. Stability and reactivity**

**Conditions to avoid**

No hazardous reactions known.

**11. Toxicological information**

**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD 50 acute oral</b>	not determined			
<b>LD 50 acute dermal</b>	not determined			
<b>LC 50 acute inhalation</b>	not determined			

**12. Ecological information**

**Data on elimination (persistence and degradability)**

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>	not determined			

**13. Disposal considerations**

**Waste code No.**

07 02 04\*

**Name of waste**

other organic solvents, washing liquids and mother liquors

**Recommendations for the product**

In accordance with regulations for special waste, must be taken to a special waste disposal.

**Recommendations for packaging**

Totally emptied packaging may be taken for recycling.

**14. Transport information**

**Land and inland navigation transport (ADR/RID/GGVS/GGVE/ADNR)**

**Identification**

Flammable liquid, n.o.s. (White spirit)

**UN-No.**

1993

**Class**

3

**PG**

III

**Hazard No.**

30

**Marine transport IMDG/GGV See**

<b>Proper shipping name</b>	Flammable liquid, n.o.s., (White spirit)
<b>UN-No.</b>	1993
<b>Class</b>	3
<b>PG</b>	III
<b>Marine pollutant</b>	No
<b>EmS-No.</b>	3-07

**Air transport ICAO/IATA**

<b>Proper shipping name</b>	Flammable liquid, n.o.s. (White Spirit)
<b>UN/ID-No.</b>	1993
<b>Class</b>	3
<b>PG</b>	III

**! 15. Regulatory information****Remarks for classification**

The product is classified and labelled in accordance with EC directives.

**Classification**

<b>Xn</b>	Harmful
<b>N</b>	Dangerous for the environment

**! R-phrases**

10	Flammable.
20/21	Harmful by inhalation and in contact with skin.
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67	Vapours may cause drowsiness and dizziness.

**! S-phrases**

2	Keep out of the reach of children.
23.3	Do not breathe vapour.
24	Avoid contact with skin.
62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**! Hazardous ingredients for labeling**

Naphtha (petroleum), hydrodesulfurized heavy, xylene

**National regulations**

<b>Classification according to VbF/ remarks</b>	All
<b>Water hazard class</b>	2 VwVwS (17. 05. 1999)

**16. Other information****Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

**Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)**

R 10 Flammable.  
 R 20/21 Harmful by inhalation and in contact with skin.  
 R 38 Irritating to skin.  
 R 45 May cause cancer.  
 R 65 Harmful: may cause lung damage if swallowed.