

PURGING COMPOUNDS | CLEANING AGENTS | LUBRICANTS | PROTECTIVE AGENTS | RELEASE AGENTS



Lusin® professional products overview

# Lusin®

**CLEANING AGENTS**  
**PROTECTIVE AGENTS**  
**LUBRICANTS**

Product	Supply form	Ultrasonic cleaning	Non-flammable Aerosol	NSF registered	2002/72/EG registered	Mold cleaner	Degreaser	Rust remover	Anticorrosion	Long-term durability	Lubricant for ejector pins	High temperature lubricant (>300 °C/572 °F)
Lusin® Clean L 21	Aerosol / Bulk					●						
Lusin® Clean L 101F	Aerosol / Bulk	●	●	●		●						
Lusin® Clean L 11	Aerosol / Bulk						●					
Lusin® Clean L 51	Aerosol / Bulk						●					
Lusin® Clean L 52 F	Aerosol / Bulk		●	●			●					
Lusin® Clean W 81	aqueous Bulk	●					●					
Lusin® Clean W 101	aqueous Bulk	●				●						
Lusin® Protect G 11/G 12*	Aerosol / Bulk								●	◐		
Lusin® Protect O 45 F	Aerosol / Bulk			●				○	●	◐		
Lusin® Protect G 31/G 32*	Aerosol / Bulk								●	●		
Lusin® Protect O 41	Aerosol / Bulk							●	◐	○		
Lusin® Lub UH1 96-402	Aerosol / Paste			● <sup>1</sup>						◐	◐	◐
Lusin® Lub PZO 152	Aerosol / Paste								◐	●	●	
Lusin® Lub PM 1001	Aerosol / Paste									●		●
Lusin® Cable spray	Aerosol									◐		
Lusin® Silicone CE	Bulk									●		
Lusin® Lub PY 300 F	Paste									●	●	●
Lusin® Lub OY 181	Aerosol								◐	●		
Lusin® Lub OW 32F (MT 09-079)	Bulk									●		

\*red <sup>1</sup>Aerosol only ● highly recommended/yes ◐ medium recommended ○ suitable

### Anticorrosion agent

Anticorrosion agents are used to protect metal surfaces against the attack of water, oxygen or other corrosive agents which is commonly known as rust.

Corrosion not only damages metal surfaces but also weakens and finally deteriorates their properties.

Anticorrosion agents are currently based on oils or waxes that are combined with highly active corrosion inhibitors.

### Mold Cleaner and Degreaser

Mold cleaners mainly are organic liquids that are intended to remove deposits of thermoplastic resins, colours and miscellaneous additives from moulds or any other metal surfaces. Normally mold cleaners are implemented into the process of preventative maintenance.

Degreasers are applied to remove contaminations (e.g. waxes, oils, greases) from metal, glass or plastic surfaces without attacking or etching them.

All Lusin® cleaning agents, protective agents and lubricants are highly recommended for the following thermoplastic processes:

- Injection Molding
- Blow Molding
- Extrusion (Film)
- Extrusion (Sheet, Profile, Pipe, Wire & Cable)
- Compounding

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## RELEASE AGENTS

Product	Supply form	Application temperature < 200 °C/392 °F	Application temperature 200-300 °C/392-572 °F	Application temperature > 300 °C/572 °F	NSF registered	2002/72/EG registered	Polyolefins	PS	SAN, ABS, ASA	PVC	PTFE, PVDF	PMMA	POM	PA6, PA66, PA610, PA11, PA12	PC	PET, PBT	PPO, PEEK, PPS, PES, PSU	CA, CAB, CP	TPU
silicone free	Lusin <sup>®</sup> Alro OL 151	Aerosol/Bulk	●				●	●		●	●	●	●	●		●		●	●
	Lusin <sup>®</sup> Alro OL 152	Aerosol/Bulk	●				●	●		●	●	●	●	●		●		●	●
	Lusin <sup>®</sup> Alro OL 141	Aerosol/Bulk	●				○	○	●			○	○		●			●	●
	Lusin <sup>®</sup> Alro OL 154	Aerosol	●				○	○	●	○	○		○		●	○			
	Lusin <sup>®</sup> Alro OL 202 F	Aerosol		●		●	●	●		●		●	●	●		●	●	●	●
	Lusin <sup>®</sup> Alro LL 261 <sup>2</sup>	Aerosol/Bulk		●			●	●	●	●		●	●	●		●	●	○	●
	Lusin <sup>®</sup> Alro LL 301 <sup>2</sup>	Aerosol		●	○			●		●		●	●	●			●		●
	Lusin <sup>®</sup> Alro OL 401	Aerosol			●												●		
silicone based	Lusin <sup>®</sup> Alro O 152 S	Aerosol/Bulk	●				●	●	○	●	●	●	●	●		●		●	●
	Lusin <sup>®</sup> Alro O 153 S	Aerosol/Bulk	●		●		●	●	○	●	●	●	●	●	●	●		●	●
	Lusin <sup>®</sup> Alro OL 153 S	Aerosol/Bulk	●				●	●		●	●	●	●	●		●		●	●
	Lusin <sup>®</sup> Alro OL 201 S	Aerosol/Bulk		●			●	●		●	●	●	●	●		●		●	●
	Lusin <sup>®</sup> Alro HL 251 S	Aerosol/Bulk		●			●			●		●	●	●				●	●
	Lusin <sup>®</sup> Alro HL 252 S	Aerosol/Bulk		●			●			●		●	●	●				●	●

<sup>1</sup> Registered according to European legislation

<sup>2</sup> PTFE base

<sup>3</sup> Registration is pending

- highly recommended/yes
- ◐ medium recommended
- suitable

### Release Agents

Release agents are highly sophisticated instruments that facilitate the demolding of plastic parts from molds.

Release agents can be divided into:

- Silicone free release agents
- Silicone containing release agents
- Dry release agents mainly based on PTFE.

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All Lusin<sup>®</sup> Alro release agents are highly recommended for the following thermoplastic processes:

- Injection Molding
- Blow Molding
- Extrusion (Film)
- Extrusion (Sheet, Profile, Pipe, Wire & Cable)
- Compounding



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# Lusin®

PURGING COMPOUNDS

Product	Supply form	Injection Moulding	Blow Moulding	Extrusion (Film)	Extrusion (Sheet, Profile, Pipe, Wire & Cable)	Compounding	Pass filter	Hot runner suitable	NSF registered	Polyolefins	PS	SAN, ABS, ASA	PVC	PTFE, PVDF	PMMA	POM	PAG, PA66, PA610, PA11, PA12	PC, PC/ABS	PET, PBT	PP0, PEEK, PPS, PES, PSU, LCP	CA, CAB, CP	TPU, TPE	Temperature range > 300 °C/572 °F	Temperature range 180-300 °C/356-572 °F	Temperature range 120-250 °C/248-482 °F
Lusin® Clean G 320	granulates	●				○	●	●	●	○	●	○	○	●	●	●	●	○	●		●	○	○	●	
Lusin® Clean G 315	granulates	●			●	●	●	●	●	○	○			○	○		●	○				○	○	●	
Lusin® Clean OH 311	granulates	●			●	●	●		○	○	○	●			○	○	●					●	○	●	○
Lusin® Clean OH 251	granulates	●			●	●			●	○		●				○	○					●	○	●	○
Lusin® Clean G 410	granulates	●				○	●	●	●											●			●	○	
Lusin® Clean 1500 <sup>1</sup>	granulates	●				●	●	●							○		○	●	○				○	●	
Lusin® Clean G 295 C <sup>1</sup>	granulates	●				●	●	●	●	○	●						○	●	○				●	○	
Lusin® Clean G 300	granulates	○	●		●		●	●	●	●	●	●	●		●	●	●	○	●	●	●		●	○	
Lusin® Clean G 301	granulates	○	●		●		●	●	●	●													●	○	
Lusin® Clean LD 250	granulates	○*		●	○		●	●	●	●		●	●				○							●	

In case of material change from A to B purge with Lusin® purging compound suitable for A

<sup>1</sup> concentrate

\* Caps and Closure

- highly recommended
- medium recommended
- suitable

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