



JOST CHEMICALS

processing products



SEBASTIAN FUSTEL
Quality Moulds & Products

Injection Moulding & Tool Shop





On the following pages we present you our **top-seller products** from the following areas:

cleaning agents
corrosion protection
lubricants
release agents



cleaning agents



Cleaning agents

Fluid 010

→ quick cleaner



- high-speed cleaner without residues
- **most popular product of Jost Chemicals**
- filled with carbon dioxide
- 97% pure content
- without highly flammable Propane/Butane
- powerful with a high acetone-content

Cleaning agents

Fluid 050 / H1

→ quick cleaner; NSF-H1



- Cleaner with **NSF-H1** approval
- **evaporates without residues**
- fast evaporation
- filled with carbon dioxide
- 97% pure content
- without highly flammable Propane/Butane
- worldwide first cleaner with H1 approval
- without Acetone

Cleaning agents

FS – 77 Foam cleaner

→ mould cleaner



- highly effective mold cleaner
- water based with only 2% solvent
- **contains only 5% flammable propellant !!!**
- Environmentally- and users friendly alternative to solvent based cleaners with acetone, NEP, NMP, gasoline...
- Forms a stable foam after spraying
- suitable clean molds from hard residues
- Also suitable for POM residues
- Good cleaning effect against fats, oils and masterbatch-residues.
- Max. working temperature: 60°C

Cleaning agents

Formclean Plus

→ mould Cleaner



- removes very hard deposits on the mold like polymer residues or outgassings
- Free of noxious NMP and NEP
- Free of terpenes / substances, which are highly damaging to the skin
- Non corrosive
- Mild odour
- Benzine and chlorine free!
- Not classified as noxious

Cleaning agents

HMC 180

→ hot mould cleaning agent



- HMC 180 should preferably be used at **temperatures between +60°C and +180°C**
- Is a semi-volatile cleaning agent
- Is completely water-soluble
- Is a high-boiling cleaning agent in the field of processing and machining of thermoplastics, when using hot moulds and tools
- Dissolves pollutions and incrustations of colour-batches, flame retardants and baked-on plastics residues

Cleaning agents

Super Clean Bio

→ multi purpose cleaner



- **Highly concentrated universal-cleaner** for all kinds of industry
- Dissolves fats, oils, animal- and plant-based fats, protein residues, etc:
- Water miscible
- Low in odor
- Without aggressive solvents
- Also suitable for ultrasonic cleaning
- Cleans tools, chains, machines, trucks, floors, ovens...

Cleaning agents

Power Jet

→ industrial cleaner



- Strong cleaner in a 600ml spray can
- Highly efficient, excellent solubilizing properties
- Cleans pore deep, evaporates without residue
- **Universal applicable in the industry for all kind of cleaning requirements**
- Intermediate product between speed-cleaner and mold-cleaner
- Dissolves also adhesives and sealants
- Filled with carbon dioxide

corrosion protection



corrosion protection

Fluid 435

→ oil- and wax free



- one of the **most popular anti-corrosion sprays in Germany**
- forms a thin, non-drop film after spraying
- self removing after 4-5 injections
- **does not creep into guides**
- dries immediately
- without silicone
- not oily, builds a thin soft film
- no wax-base
- also in **green** & **red** color available

corrosion protection

Mold Protect H1

→ corrosion protection; NSF-H1



- Anti corrosion spray with **NSF-H1** approval
- forms a thin colorless layer
- **dries immediately**
- no oil base
- for intermediate storage or overseas transport
- silicone free

corrosion protection

Fluid 707

→ wax-based spray



- **Wax-based** corrosion protection spray
- protects injection molds, and other ferrous and non-ferrous metals which are exposed to high humidity and aggressive environmental and production factors, against corrosion
- With TCE – FLUID 707 treated tools can remain free of corrosion in indoor storage for years

corrosion protection

Fluid 500 KE

→ extrem water resistant



- **direct alternative** to *BUCHEM “ANTIKOR RS”*
- Same properties, same ingredients
- Builds after application a reliable layer against moisture and water
- **works very good for EDM (wire cutting)**
- Also suitable to protect injection molding tools against rust
- Silicone free
- Wax – free
- Forms a thin bright white layer
- Fast drying – not oily
- No strong fog while spraying !!!
- Low odor

corrosion protection

VHE 229

→ hydrophobing agents



IMAGE
COMING SOON!

- Immediately forms a corrosion-resistant water barrier
- Barrier consisting of wax (paraffin) and bezines
- The product is colourless
- Immediately forms a thin, non-slip film
- This product does not settle at the bottom of the can and has to be stirred again and again
- Can be removed by cleaning with thinner, benzine or 010

corrosion protection

DF-40

→ multi purpose oil spray



- combines 5 products in 1 spray for toolshop *anti-corrosion, lubrication, rust loosening, dewatering & cleaning*
- synthetic oil base with anti corrosion- and lubricant additives.
- with special hydrocarbon solvent for best dewatering properties.

lubricants



lubricants

Grease 300

→ high-performance grease



- Fully synthetic and solid-free ejector-grease up to +300°C
- Long term lubrication for all parts of injection molding tools.
- very high number of shots without reapplication
- extreme pressure properties
- resistant against aggressive media
- neutral against plastics (chemical inert)
- very high affinity to metal surfaces
- very small quantities required for long term lubrication
- no transfer to molded parts
- silicone-free
- with **NSF-H1** approval

Lubricants

Grease 800 / Grease 800S

→ high-performance grease



- Fully synthetic high-performance grease up to +280°C with PTFE
- Long term lubrication for all parts of injection molding tools.
- very high number of shots without reapplication
- extreme pressure properties
- resistant against aggressive media
- neutral against plastics (chemical inert)
- very high affinity to metal surfaces
- very small quantities required for long term lubrication
- no transfer to molded parts
- silicone-free
- with **NSF-H1** approval

lubricants

Super Grease

→ high-performance lubricant



- contains a **high proportion of PTFE** to improve its adherent and lubricant properties even at **temperatures of up to +250 °C.**
- **All-round grease** for any industry
- Transparent lubrication-spray with very good bonding properties.
- Extreme resistant against water and moisture. Protects against friction and wear. Contains PTFE against „dry-running“; Fully synthetic.
- NSF-H1 approval
- Very recommendable for chain-lubrication
- Our product against *INTERFLON –Fin Grease*
- Base oil: PAO, drop point: none

lubricants

Grease 810 / Grease 810S

→ fully synthetic lubricant



- **Special grease for injection molding tools**
- 810 is a high performance grease for reliable lubrication against friction and wear. Applicable for all moveable parts in the mold. Fully synthetic with very good anti-corrosion properties and EP-additives.
- Temperature range: -30°C - +180°C (short time lubrication +200°C)
- Base oil with very high viscosity-index
- INFO: In case of too high temperatures, only ashless decomposing of the thickener no burning or cracking
- base oil: PAO, thickener: Polyurea, drop-point: >230°C, color: yellow

lubricants

Grease 100 / Grease 100S

→ synthetic lubricant; NSF-H1



IMAGE
COMING SOON!

- **Synthetic high-performance Lubricant** for Injection Moulding Tools & Universal Lubricant for Maintenance purposes
- approved according to NSF – H1
- **Temperature-stable up to +160°C**
- features a very high load carrying capacity and additionally provides excellent corrosion protection properties
- is outstandingly suitable for lubricating Column guidings, Ejectors, mould inserts, core courses, Spindles, slide gate valves, pressure plates, etc...
- The product is suitable for lubricating plain and roller bearings, cam plates, guide ways, rollers and all kinds of grease-lubricated machine elements

Lubricants

Grease 200

→ universal lubricant



- is a transparent, odour- and taste-neutral **multipurpose grease for the lubrication** of roller and plain bearings used in food technology for water ingress and increased temperatures
- forms a stable lubricating and parting film at the friction point, which reduces effective friction and wear
- For the tool lubrication of ejectors, column guides, gate valves, spindles and tie bars. Especially when transparent lubrication is required
- Through **NSF-H1** registration for the manufacture of foodstuff commodities, toys and for parts in the medical sector

release agents



release agents

Fluid 020

→ silicone-free; solvent-free



- works with most thermoplastics
- silicone-free
- solvent-free !!!!!!!
- builds very fine layers
- works up to 180°C

release agents

Fluid 040

→ silicone-free; NSF-M1



- Universal release agent like our 020
- **Silicone-free release agent with NSF-M1 approval.**
- However suitable for PC,ABS and PMMA without stress-crack
- **NSF – M1** approval
- alternative to *ChemTrend LUSIN ALRO OL 141*
- Without solvents
- Contains no solvents. Forms a very thin release layer after application. Suitable up to 150°C.

release agents

PC-EXTRA

→ dry release for PC & PMMA



- is a dry release agent suitable for demolding of PC, PMMA, ABS and other transparent thermoplastic polymers
- With PC-EXTRA a demolding without stress-crack is possible
- Silicone free
- Dry light white film on the surface
- Propellant carbon dioxide
- Forms oil free parts
- **95% pure release in the can**

release agents

Silikonspray-H1

→ silicon based lubricating oil



- transparent, resin-and acid free lubricating oil
- It is neutral in odour and smell, has excellent water repellent creeping properties and protects machine parts from corrosion
- Suitable for the lubrication and care of machine parts used in breweries as well as the food or beverage industry
- **NSF – H1 approved**
- Solvent free
- Temperature stable from -50°C to +240°C

release agents

FT-300

→ Teflon[®]-Spray



- **Release agent and dry lubrication.** Builds a very thin outstanding resistant PTFE-layer. Temperature stable up to 230°C.
- The PTFE content is approx. 15% and combines very well with metal, plastic, wood and glass surfaces after spraying



...we have so much more...

Let's talk about it!





JOST CHEMICALS

Thank you very much!



SEBASTIAN FUSTEL

Quality Moulds & Products

SEBASTIAN FUSTEL, S.L.
C/ Sevilla, 10 - Pol Ind l'Alfaç
03440 Ibi (Alicante)

Tel: +34 965 550 141
info@sebastianfustel.com
www.sebastianfustel.com