TECHNICAL DATA SHEET

Lubricant with PTFE

APPLICATION:

Lubricant with PTFE is designed to lubricate surfaces that are constantly in motion, operate in high dustiness conditions and are exposed to fat. It is applied to mechanisms in the electromechanical, textile, furniture and paper industries. Suitable for sanitary appliances – valves, gaskets, taps and joints. It is well suited for maintenance of tour and sports equipment – rollerblades, bicycles, training machines, as well as in the automotive industry for cables, hinges, locks and sleeves. Lubricant with PTFE can be used for lubricating parts that are subjected to impacts and vibrations – gears, timing belts, chains and bearings.

EFFECTS:

- Displaces water without staining the surface;
- Forms a waterproof coating to prevent corrosion;
- Protects against pollutants;
- Reduces wear of parts at very high speeds;
- Reduces friction and unloads the parts of cooperating mechanisms.

PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol
Colour:	Milky
Odour:	Characteristic
Melting/Freezing point:	-35°C to -50°C
Initial boiling point:	> 250°C
Ignition temperature:	< 0°C
Flammability (solid, gas):	Extremely flammable
Upper/Lower explosive limit:	8.4%/1.8% vol. (propellant)
Density (20°C):	0.970 g/cm^3
Solubility:	Insoluble in water, soluble in organic solvents
Explosive properties:	Forms explosive mixtures with air
Oxidising properties:	Does not show

ECOLOGICAL INFORMATION:

The product is not classified as hazardous to the environment. No bioaccumulation is to be expected. The product has low mobility in aquatic environment and soil. Gas components quickly spread in the air.

STABILITY AND REACTIVITY:

The product is reactive and hazardous polymerization does not occur. Vapours may form explosive mixtures with air. If the product is heated > 150°C, trace amounts of formaldehyde may be released.

HEALTH AND SAFETY

Observe the general safety and hygiene rules. Avoid contact with eyes and skin. Remove immediately contaminated clothing. In the workplace, general and/or local ventilation should be provided to maintain the concentration of the harmful agent in the air below established limit values.
Keep away from children. Do not pierce or burn, even after use.

STORAGE:

Store only in dry and well-ventilated place below 50°C. Keep away from sources of fire and heat. Do not smoke and do not use open flames or sparking tools in the warehouse. Provide explosion-proof ventilation. Keep away from food, foodstuffs and animal feed. Protect from direct sunlight.

TRANSPORT:

The mixture poses no threat to the environment according to the criteria set out in the transport regulations. Packages shall not be thrown or subjected to impact. Containers/multi-packs should be placed on the vehicle or in the shipping box in such way to prevent them from falling down or dropping. Avoid heat sources.

NOTES: