

## PRODUCT DATA SHEET

**PRODUCT NAME: Food Grade Chain Spray**

**CODE: FF173**

**NSF Registered H1/ INS Registered H1**

Fully synthetic food grade oil in an aerosol, with characteristics that make it particularly suited for general lubrication of links, pins, pivots, small bearings, drive chains and conveyor chains. In the plastics moulding industry, due to its adhesiveness and temperature stability, this product is ideal for the lubrication of ejector pins. FOOD GRADE CHAIN SPRAY contains special additives that extend relubrication intervals considerably; and does not contain any mineral oil.

### COST SAVING BENEFITS

1. Penetrates to the working surfaces reducing wear and extending component life
2. Tackiness additives ensure non-drip, no fling thus providing lasting lubrication
3. Excellent adhesive characteristics ensures a high degree of water resistance and protects parts from corrosion even in the presence of acidic materials commonly associated with food and drink industries
4. Extremely wide temperature range ensures maximum application versatility.
5. Powerful jet spray ensures quick penetration with virtually no contamination of the work area
6. 360° valve enables the aerosol to be used at any angle, even in the inverted position

### METHOD OF APPLICATION

Shake well before use. Apply FOOD GRADE CHAIN SPRAY sparingly. Use the extension tube for greater accuracy and when application is required to be made through protection guards.

Specification	FF173 Food Grade Chain Spray
Appearance	Clear tacky Fluid
Solid Lubricants	Lubricating solids and PTFE
Base Oil	Synthetic
Water washout (ASTM D1264) @ 38°C	< 1% max
Kinematic Viscosity (ASTM4451) @ 40°C (typical)	220 CsT
@ 100°C (typical)	23.7 CsT
Operating temperature range	-30°C to 240°C
NSF/INS Registration	H1

This lubricant is recommended for use where incidental contact with food may occur. Registered by INS (Class H1) and NSF (Class H1) and meets the USDA H1 guidelines (1998) for lubricants for use where there is a potential for incidental food contact. Made only from substances permitted under the US FDA Title 21 CFR 178.3570, 178.3620 and/or those generally regarded as safe (US 21 CFR 182) for use in food grade lubricants. To comply with the requirements of US 21 CFR 178.3570, contact with food should be avoided where possible. In the case of incidental food contact, the concentration of this product in the food must not exceed 10 parts per million (10mg/kg of foodstuff). In locations and/or applications where local legislation does not specify maximum concentration limits, it is recommended that this same 10 ppm limit be observed, as up to this concentration FF173 Food Grade Chain Spray will not impart undesirable taste, odour or colour to food, nor will cause adverse health effects. Consistent with good manufacturing practice, use only the minimum amount necessary to achieve desired lubrication result and take appropriate corrective action should excessive incidental contact with food be detected.

All ingredients are FDA listed as Food Grade Chain Spray INS H1 Registered and meets the USDA 1998 H1 guidelines INS Registration No. 1794539 & NSF H1 registered and meets the USDA 1998 H1 Guidelines. NSF Registration No.124224 . This product contains NO nut derived, genetically modified, soya animal derived, vegetable derived nor any known allergens.

LIMITED WARRANTY MDS Europe Ltd makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in MDS Europe Ltd. materials and workmanship. This limited Express Warranty is in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of MDS Europe Ltd. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and MDS Europe Ltd. shall not be liable for incidental or consequential damages.

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