



## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

##### **Grind cleaner**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised

##### **against Relevant identified uses of the substance or mixture:**

Cleaner for coffee grinder

##### **Uses advised against:**

No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

LF SpA - Via Voltri, 80 - 47522 Cesena (FC) – Italy

Tel. +39 0547 34 11 11 Fax. +39 0547 34 11 10

e-mail of the competent person, [info@lfspareparts.com](mailto:info@lfspareparts.com) - person responsible for the safety data sheet: Dr. Raggi Leonardo  
Please DO NOT use for requesting Safety Data Sheets.

#### 1.4 Emergency telephone

##### **Emergency information services / official advisory body:**

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##### **Telephone number of the company in case of emergencies:**

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### **2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

##### **2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments)**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

#### 2.2 Label elements

##### **2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

##### **2.3 Other hazards**

- Results of PBT and vPvB assessment
- PBT: Not determined
- vPvB: Not determined



### SECTION 3: Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Proprietary mixture of cereals and grains
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **Description of first aid measures**
- **General information:**  
No special measures required.
- **After inhalation:**  
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Clean with water and soap. If possible, also wash with polyethylene glycol 400.  
Generally the product does not irritate the skin.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
Remove contact lenses, if present and easy to do. Continue rinsing.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:**  
Water with full jet
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released:  
Carbon monoxide  
Carbon dioxide
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures



- **Personal precautions, protective equipment and emergency procedures**  
Not required.
- **Environmental precautions:**  
No special measures required.
- **Methods and material for containment and cleaning up:**  
No special measures required.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Store in cool, dry place in tightly closed receptacles.  
Prevent formation of dust.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire and explosion protection:**  
Dust can combine with air to form an explosive mixture.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Not required.
- **Further information about storage conditions:**  
Store in dry conditions.
- **Specific end use(s)**  
No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Do not eat, drink, smoke or sniff while working.  
Keep away from foodstuffs, beverages and feed.  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**  
Not required.
- **Protection of hands:**  
Not required.
- **Material of gloves:**  
None
- **Penetration time of glove material**  
None
- **Eye protection:**  
Not required.
- **Body protection:**  
None



## SECTION 9: Physical and chemical properties

### • Information on basic physical and chemical properties

#### • General Information

##### • Appearance:

• Form:	Granule
• Colour:	brown
• Odour:	Characteristic
• Odour threshold:	Not determined.
• pH-value:	Not applicable.

##### • Change in condition:

• Melting point/Melting range:	Not applicable.
• Boiling point/Boiling range:	Not applicable.
• Flash point:	Not applicable.
• Flammability (solid, gaseous):	Product is not flammable.
• Self-igniting:	Product is not selfigniting.
• Danger of explosion:	Product does not present an explosion hazard
• Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
• Vapour pressure:	Not applicable.
• Density:	Not determined.
• Relative density:	Not determined.
• Vapour density:	Not applicable.
• Evaporation rate:	Not applicable.

##### • Solubility in / Miscibility with

water:	Insoluble.
• Segregation coefficient (n-octanol/water):	Not determined.

##### • Viscosity:

• Dynamic:	Not applicable.
• Kinematic:	Not applicable.

##### • Solvent content:

• Organic solvents:	0.0 %
• Solids content:	100.0 %
• Other information:	No further relevant information available.

## SECTION 10: Stability and reactivity

### • Reactivity:

No further relevant information available.

### • Chemical stability:

No decomposition if used and stored according to specifications.

### • Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

### • Possibility of hazardous reactions:

No dangerous reactions known.

### • Conditions to avoid:

No further relevant information available.

### • Incompatible materials:

No further relevant information available.

### • Hazardous decomposition products:

No dangerous decomposition products known.

## SECTION 11: Toxicological information

### • Information on toxicological effects

#### • Acute toxicity:



- **Primary irritant effect:**
- **on the skin:**  
No irritant effect.
- **on the eye:**  
No irritating effect.
- **Sensitization:**  
No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## SECTION 12: Ecological information

- **Toxicity**
- **Aquatic toxicity:**  
No further relevant information available.
- **Persistence and degradability**  
No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential:**  
No further relevant information available.
- **Mobility in soil:**  
No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Generally not hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not determined
- **vPvB:** Not determined
- **Other adverse effects:**  
No further relevant information available.

## SECTION 13: Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must be specially treated adhering to official regulations.
- **Uncleaned packaging**
- **Recommendation:**  
Disposal must be made according to official regulations.

## SECTION 14: Transport information

### General statements

**UN number:** n.a.

### Transport by road/by rail (ADR/RID)

UN proper shipping name: n.a.

Transport hazard class(es): n.a.

Packing group: n.a.



Classification code: n.a.  
LQ (ADR 2013): n.a.  
LQ (ADR 2009): n.a.  
Environmental hazards: Not applicable  
Tunnel restriction code:

#### **Transport by sea (IMDG-code)**

UN proper shipping name:  
Transport hazard class(es): n.a.  
Packing group: n.a.  
Marine Pollutant: n.a.  
Environmental hazards: Not applicable

#### **Transport by air (IATA)**

UN proper shipping name:  
Transport hazard class(es): n.a.  
Packing group: n.a.  
Environmental hazards: Not applicable

#### **Special precautions for user:**

Unless specified otherwise, general measures for safe transport must be followed.

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Non-dangerous material according to Transport Regulations.

### **SECTION 15: Regulatory information**

#### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

For classification and labelling see Section 2.

Observe restrictions: No  
Comply with trade association/occupational health regulations.  
Observe youth employment law (German regulation).  
VOC (1999/13/EC): 0%

#### **Chemical safety assessment:**

A chemical safety assessment has not been carried out.

### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Any abbreviations and acronyms used in this document:**

AC Article Categories  
acc., acc. to according, according to  
ACGIH American Conference of Governmental Industrial Hygienists  
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)  
AOEL Acceptable Operator Exposure Level  
AOX Adsorbable organic halogen compounds  
approx. approximately  
Art., Art. no. Article number  
ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)  
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)  
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)  
BCF Bioconcentration factor  
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)  
BHT Butylhydroxytoluol (= 2,6-Di-*t*-butyl-4-methyl-phenol)



BMGV Biological monitoring guidance value (EH40, UK)  
BOD Biochemical oxygen demand  
BSEF Bromine Science and Environmental Forum  
bw body weight  
CAS Chemical Abstracts Service  
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids  
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques  
CIPAC Collaborative International Pesticides Analytical Council  
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)  
CMR carcinogenic, mutagenic, reproductive toxic  
COD Chemical oxygen demand  
CTFA Cosmetic, Toiletry, and Fragrance Association  
DMEL Derived Minimum Effect Level  
DNEL Derived No Effect Level  
DOC Dissolved organic carbon  
DT50 Dwell Time - 50% reduction of start concentration  
DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)  
dw dry weight  
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
EC European Community  
ECHA European Chemicals Agency  
EEA European Economic Area  
EEC European Economic Community  
EINECS European Inventory of Existing Commercial Chemical Substances  
ELINCS European List of Notified Chemical Substances  
EN European Norms  
EPA United States Environmental Protection Agency (United States of America)  
ERC Environmental Release Categories  
ES Exposure scenario  
etc. et cetera  
EU European Union  
EWC European Waste Catalogue  
Fax. Fax number  
gen. general  
GHS Globally Harmonized System of Classification and Labelling of Chemicals  
GWP Global warming potential  
HET-CAM Hen's Egg Test - Chorionallantoic Membrane  
HGWP Halocarbon Global Warming Potential  
IARC International Agency for Research on Cancer  
IATA International Air Transport Association  
IBC Intermediate Bulk Container  
IBC (Code) International Bulk Chemical (Code)  
IC Inhibitory concentration  
IMDG-code International Maritime Code for Dangerous Goods  
incl. including, inclusive  
IUCLID International Uniform Chemical Information Database  
LC lethal concentration  
LC50 lethal concentration 50 percent kill  
LCLo lowest published lethal concentration  
LD Lethal Dose of a chemical  
LD50 Lethal Dose, 50% kill  
LDLo Lethal Dose Low  
LOAEL Lowest Observed Adverse Effect Level  
LOEC Lowest Observed Effect Concentration  
LOEL Lowest Observed Effect Level  
LQ Limited Quantities  
MARPOL International Convention for the Prevention of Marine Pollution from Ships  
n.a. not applicable  
n.av. not available  
n.c. not checked  
n.d.a. no data available  
NIOSH National Institute of Occupational Safety and Health (United States of America)  
NOAEC No Observed Adverse Effective Concentration  
NOAEL No Observed Adverse Effect Level



**Grind cleaner**

NOEC No Observed Effect Concentration  
NOEL No Observed Effect Level  
ODP Ozone Depletion Potential  
OECD Organisation for Economic Co-operation and Development  
org. organic  
PAH polycyclic aromatic hydrocarbon  
PBT persistent, bioaccumulative and toxic  
PC Chemical product category  
PE Polyethylene  
PNEC Predicted No Effect Concentration  
POCP Photochemical ozone creation potential  
ppm parts per million  
PROC Process category  
PTFE Polytetrafluorethylene  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)  
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.  
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)  
SADT Self-Accelerating Decomposition Temperature  
SAR Structure Activity Relationship  
SU Sector of use  
SVHC Substances of Very High Concern  
Tel. Telephone  
ThOD Theoretical oxygen demand  
TOC Total organic carbon  
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)  
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods  
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))  
VOC Volatile organic compounds  
vPvB very persistent and very bioaccumulative  
WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period)  
(EH40, UK).  
WHO World Health Organization  
wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.  
No responsibility.