

EC-Safety Data Sheet conforming to 1907/2006/EG, Article 31

Mona-Lisa SP 3

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

1.1 Product identifier	Mona-Lisa SP 3
1.2 Relevant identified uses of the substance or mixture and uses advised against	EP grease
1.3 Details of the supplier of the safety data sheet	MOLYDUVAL GmbH * Halskestr.6 * 40880 Ratingen * Germany * +49 (2102) 9757-00 * safety@molyduval.com
1.4 Emergency telephone number	+49 (2102) 9757-20 (24h)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture 1272/2008/EG hazard statements / category of danger / Hazard class
H302 / Acute Tox. 4 / Injurious to health when swallowing
H314 / / Causes severe skin burns and eye damage
Construction of the two-room cartridge containing dangerous materials makes them not free available.

2.2 label elements



signal word: Danger
GHS05 Corrosive
GHS07 Irritation
H302 Injurious to health when swallowing
H314 Causes severe skin burns and eye damage
P251 Pressurized container: Do not pierce or burn, even after use.
P280 Wear protective gloves, clothing, eye and face protection.
P501 Dispose of contents and container in accordance with local regulations of the disposal.

2.3 Other hazards Corrosive to skin, contact can cause burns. Corrosive to eyes, contact can cause cornea burns. Potassium hydroxide can damage waters by increasing pH. Potassium hydroxide solution can corrode most metals.

SECTION 3: Composition - Information on Ingredients

3.2 Mixtures Bicameral Partone, filled with a formulation consisting of the following substances and harmless additives.
Calcium hydroxide, 40g (> 5%) CAS 1310-58-3, EC-No 019-002-01-5, EINECS 215-181-3,
GHS05 GHS07 H302 H314 P280 P301 + 330 + 331 + 351 + 338 P305 P309 + 310

SECTION 4: First Aid Measures

General Instructions	Remove victim from danger zone, without exposing yourself to any personal risk. Remove wetted clothing and shoes and clean items before using them again.
After Inhalation	Remove exposed person to fresh air.
After Skin Contact	Remove contaminated clothing immediately. Clean urgently with water and soap in case of skin contact. Contact Medicibe in case of irritations.
After Eye Contact	Long lasting rinse Rinse opened with water, if necessary, use eye wash. If symptoms persist, seek medical advice.
After Ingestion	Rinse mouth and drink plenty of water. Do not induce vomiting. If symptoms persist, seek medical advice.
Most important symptoms and effects, both acute and delayed	Der lokale Schädigungsprozess verläuft sehr schnell, die Schmerz-empfindung kann evtl. erst verzögert einsetzen. Augen: Schädigung vor allem von Konjunktiven, Cornea, Sklera (Odeme, Ulcera-tion/Perforation, Corneatrübung), seltener auch von Retina und Ader-haut. Nach Augenkontakt intensive Spülung über mind. 15 min (bei Blepharospasmus einige Tropfen 2%iges Lidocain applizieren), umgehende fachärztliche Weiterbehandlung sicher stellen. Haut: Erythem -> Erosionen mit Aufquellung des Gewebes/sulziger Oberfläche (Kolloquationsnekrosen),-> Ausfall der Hautfunktion (Neuner-Regel!).
Indication of any immediate medical attention and special treatment needed	Prolonged or repeated exposure may cause skin discomfort.

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media	Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide (CO2). Unsuitable extinguishing media : Strong water jet.
5.2 Special hazards arising from the substance or mixture	In case of a fire, there may arise poisonous (CO, CO2 and other organic gases) gases. Run-off does not allow to enter drains or watercourses by firefighters.
5.3 Advice for firefighters	If necessary, use in case of fire, self contained breathing apparatus. Collect contaminated firefighting water separately, must not be discharged into drains. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations. Extinguishing measures to the surroundings. Standard procedure for chemical fires. Extinguishing measures to the surroundings.

SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures	Wear personal protective equipment. Avoid contact with eyes and skin.
6.2 Special Environmental Protection	Avoid entering into drains, water courses or soil. Fire or police agree, if the product has escaped into a water course or sewage system, or has contaminated the soil and plants.
6.3 Methods and material for containment and cleaning up	Use oil sucking materials f.e chemical absorbents.
6.4 Reference to other sections	n.a.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling	Storage and Disposal in accordance with federal and local regulations
7.2 Conditions for safe storage, including any incompatibilities	Store in closed containers. Open container in well ventilated areas Storage Class VCI: 11 Flammable Solids

SECTION 8: Limiting and supervising the exposure / personal protection

8.2 Limitation and supervision of exposure - Personal Protective Equipment	Respiratory protection: Not required, except in case of aerosol formation. Avoid inhalation of vapors. Use respiratory protective device against the effects of fumes / dust / aerosol. Combination filter, eg. As DIN 3181 ABEK Hand protection: Gloves - oil resistant. Glove material: nitrile rubber, butyl rubber or fluoro rubber. Recommended thickness: = 0,4 mm. Penetration time of glove material Value for the permeation: Level = 480 min. The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of breakthrough time is recommended. Eye protection: Safety glasses Hygiene measures: Wash hands before breaks and immediately after handling the product. Keep working clothes separately. Take off all contaminated clothing immediately. Protective measures: Handle in accordance with good industrial hygiene and safety practice. Body protection: work clothes
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8.3 Delimitation and monitoring of environmental exposure	Do not discharge into surface water or drains
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SECTION 9: Physical and Chemical Properties

Appearance Form	pasty
Color	black
Appearance	not specified
Odour	without
Upper Explosion Limit	-
Lower Explosion Limit	-
Vapor Density	-
Specific Gravity, 20°C	1,00 g/cm ³
Water Solubility	N

SECTION 10: Stability and Reactivity

10.1 Reactivity	This product is stable in normal-use temperatures.
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Fumes can combine with air to form an explosive mixture.
10.4 Conditions to be avoided	No information available
10.5 Incompatible Materials	no information available
10.6 Hazardous products of instability / decomposition	no

SECTION 11: Toxicological Information

Symptoms after ingestion	no data available
At Skin Contact	no data available
Symptoms after Inhalation	no data available
Symptoms after eye contact	no data available
Other information	No sensitizing effects known.
Toxicological Tests	There are no human toxicological data.
Further Toxicologic Effects	Not classified as toxic. Not classified as caustic or irritant for skin. Not classified as caustic or irritant for eyes. The inhalation of thermal decomposition products, in the form of vapor, mist or fumes may be harmful. Not classified as a skin sensitizer. Not as CMR classified (carcinogen, mutagen or reproductive toxic). Not as a target organ toxic classified.

SECTION 12: Ecological Information

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12.2 Persistence and degradability	Product is slightly harmful to water (water hazard class 1). Do not allow into drains, the ground water or the soil. Product is insoluble in water and floats on the water surface.
12.3 Bioaccumulative potential	not information available
12.4 Mobility in soil	No information available
12.5 Results of PBT and vPvB assessment	No information available
12.6 Other adverse effects	No information available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods	May not be disposed together with domestic rubbish. Disposal in compliance with federal, state, and local laws. EAK product waste code : 15 02 02 oil or grease polluted materials
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SECTION 14: Transport information in accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1 UN-No	Not classified as dangerous in the meaning of transport regulations
14.2 UN proper shipping name	No
14.3 Transport hazard class	No transport regulations.
14.4 Packing group	-
14.5 Environmental hazards	n.a.
14.6 Special precautions for user	No information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture	DE: water polluting category: 2 Labeling with C: Corrosive WGK 1
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15.2 Chemical safety assessment	There is no information available
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SECTION 16: Further Information

16.1 Full text of R-phrases referred to under sections 2 and 3	GHS05 Corrosive GHS07 Irritation H302 Injurious to health when swallowing H314 Causes severe skin burns and eye damage P251 Pressurized container: Do not pierce or burn, even after use. P280 Wear protective gloves, clothing, eye and face protection. P501 Dispose of contents and container in accordance with local regulations of the disposal.
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16.2 Further Information	The information in this SDS is correct to the best of our knowledge at the time of its publication. The information is intended to give you advice about the safe handling of the product named in this safety during storage, processing, transport and disposal. The details are not transferable to other products. The information given in this safety combination with any other materials or in any process, or undergoes processing, can use the information in this SDS, to the extent that it does not specifically indicate otherwise, are not transferred to the new made material. The material data referred to in item 9 are safety information, but no guarantees on properties. Warranties are excluded without clarification of the technical intended use and the operating conditions. If you have further questions we are available.
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