



SAFETY DATA SHEET MOLYKOTE 1000

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

1.1. Product identifier

Product name MOLYKOTE 1000

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier Univar
 Aquarius House
 6 Mid Point Business Park
 Bradford
 BD3 7AY
 +44 1274 267300
 +44 1274 267306
 sds@univar.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 1 - H224
 Health hazards Muta. 1B - H340 Carc. 1B - H350 STOT RE 1 - H372
 Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H224 Extremely flammable liquid and vapour.
 H340 May cause genetic defects.
 H350 May cause cancer.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P240 Ground and bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use non-sparking tools.
 P243 Take action to prevent static discharges.
 P260 Do not breathe vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P314 Get medical advice/ attention if you feel unwell.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

NAPTHA (PETROLEUM), HYDRODESULPHURISED HEAVY, DISTILLATES
 (PETROLEUM), SOLVENT-DEWAXED LIGHT PARAFFINIC; BASEOIL

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTANE 30-60% CAS number: 106-97-8 EC number: 203-448-7
Classification Flam. Gas 1 - H220 Press. Gas
NAPTHA (PETROLEUM), HYDRODESULPHURISED HEAVY 10-30% CAS number: 64742-82-1 EC number: 265-185-4
Classification Muta. 1B - H340 Carc. 1B - H350 STOT RE 1 - H372 Asp. Tox. 1 - H304

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DISTILLATES (PETROLEUM), SOLVENT-DEWAXED LIGHT PARAFFINIC; BASEOIL		5-10%
CAS number: 64742-56-9	EC number: 265-159-2	
Classification Carc. 1B - H350		

DISTILLATES (PETROLEUM) SOLVENT DEWAXED HEAVY PARAFFNIC		5-10%
CAS number: 64742-65-0	EC number: 265-169-7	REACH registration number: 01-2119471299-27-XXXX
Classification Asp. Tox. 1 - H304		

ZINC POWDER (PYROPHORIC)		<1%
CAS number: 7440-66-6	EC number: 231-175-3	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Pyr. Sol. 1 - H250 Water-react. 1 - H260 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****4.2. Most important symptoms and effects, both acute and delayed****4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****5.2. Special hazards arising from the substance or mixture****5.3. Advice for firefighters****SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.2. Environmental precautions****6.3. Methods and material for containment and cleaning up****6.4. Reference to other sections****SECTION 7: Handling and storage****7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities****7.3. Specific end use(s)****SECTION 8: Exposure Controls/personal protection****8.1. Control parameters**

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Occupational exposure limits

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

WEL = Workplace Exposure Limit

DISTILLATES (PETROLEUM) SOLVENT DEWAXED HEAVY PARAFFNIC (CAS: 64742-65-0)

Ingredient comments	No exposure limits known for ingredient(s).
DNEL	Industry - Inhalation; Long term : 5.4 mg/m ³ Consumer - Inhalation; Long term : 1.2 mg/m ³

POLYISOBUTYLENE (CAS: 9003-27-4)

Ingredient comments	No exposure limits known for ingredient(s).
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8.2. Exposure controls

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

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Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

Transport labels

**14.4. Packing group**

Not applicable.

ADR/RID packing group N/A

IMDG packing group N/A

ADN packing group N/A

ICAO packing group N/A

14.5. Environmental hazards**14.6. Special precautions for user**

EmS F-D, S-U

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
This product may impact SEVESO storage regulations.

15.2. Chemical safety assessment**SECTION 16: Other information**

Version number 1.000

SDS number 14039

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Hazard statements in full

H220 Extremely flammable gas.
H224 Extremely flammable liquid and vapour.
H250 Catches fire spontaneously if exposed to air.
H260 In contact with water releases flammable gases which may ignite spontaneously.
H304 May be fatal if swallowed and enters airways.
H340 May cause genetic defects.
H350 May cause cancer.
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.