

SAFETY DATA SHEET
(1907/2006/EC)

MOL-LUB Ltd.

Trade name: **EVOX Summer Fresh scented summer screenwash**

Version: 7 Latest revision: 16. 02. 2010 Date of issue: 03. 03. 2005 Page: 1/(8)

1. Identification of the substance / preparation and of the company

Product name:

EVOX Summer Fresh

Product type / recommended uses:

preparation / summer screenwash

Manufacturer / Supplier identification:

MOL-LUB Lubricant Production Trade and Service Limited Liability Company

H-2931 Almásfüzitő, Fő út 21., Hungary

Phone / Fax: +36 34 526 330 / +36 34 526 391

Request SDS of:

MOL-LUB Lubricant Production Trade and Service Limited Liability Company

Customer Service Center

H-2931 Almásfüzitő, Fő út 21., Hungary

Phone / Fax: +36 80 201 296 / +36 34 348 010

Responsible for SDS:

MOL-LUB Ltd. Csaba Horváth, head of HSE and QOP

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Technical information:

MOL-LUB Ltd. Product Development and Technical Service

H-1117 Budapest, Október huszonharmadika utca 18., Hungary

Phone/Fax: +36 80 201 296 or +36 1 464 0236 / +36 1 464 0304

Emergency telephone (07-15²⁰ h): +36 34 526 210

Health Toxicological Information Service (ETTSZ 1096 Budapest, Nagyvárad tér 2.)

Tel.: +36 1 476 6464, or +36 80 201 199

2. Hazards identification

Human health hazards: Danger symbol not required.

Safety hazards: Danger symbol not required.

Environmental hazards: Danger symbol not required.

3. Composition / information on ingredients

Chemical description: Mixture of water, isopropyl alcohol, 1-methoxy-2-propanol, fragrance, colours, surfactants.

Ingredients / Hazardous components:

Name	EINECS number	CAS number	Hazard symbol	Risk phrase	Conc. %(m/m)
Isopropyl alcohol	200-661-7	67-63-0	F, Xi	R 11, R 36, R 67	< 2.0
1-methoxy-2-propanol	203-539-1	107-98-2	-	R 10	< 2.0

The full text of each relevant R phrase see in Section 16.

4. First aid measures

General information: If unconscious do not induce vomiting! Never administer anything by mouth if a casualty is unconscious or convulsing.
Place in recovery position the unconscious person.

Inhalation: Remove exposed person to fresh air.

Skin contact: Wash with soap and water. Remove contaminated clothing.

Eye contact: Flush immediately with plenty of running water for at least 15 minutes, holding the eyelids open. Get medical attention if eye irritation develops or persists.

Ingestion: If symptoms persist get medical attention.

Note to physician:

5. Fire-fighting measures**Flash Point**

The product has not flash point, it is not classified as inflammable product, or it is not required to provide with hazard symbol or R phrases. But when large quantities of product getting warm suddenly it can produce vapours of alcohols and vapours can burn out on the water surface in present of ignition flamme. Continuation of combustion is not possible.

Suitable extinguishing media:

alcohol resistant foam dry chemical, water spray, CO₂ - depending on the burning surroundings

Unsuitable extinguishing media:-**Hazardous decomposition products:**

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Special protective equipment:

Accordance with current regulations.

Further information:

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6. Accidental release measures

Personal precautions:

See Section 8.

Environmental precautions:

Not required.

Clean-up procedures / recovery

Adequate ventilation required in enclosed areas.

Clean up with large amount of water the contaminated area.

7. Handling and storage

Handling:

Keep general measures applied for normal operations with chemicals.

Adequate ventilation required.

Avoid contact with eyes.

Handling temperature:

Storage:

Store in cool, well-ventilated area, in original, tightly closed containers.

Keep out of the reach of children. Keep away from food, drink.

Storage temperature: max. 35°C

Specific application:

See product sheet.

8. Exposure controls / personal protection

Engineering control measures:

not required

Exposure limits:

EU (2000/39/EC):

1-methoxy-2-propanol: 375 mg/m³ eight hours
568 mg/m³ short term

Personal protection:

Respiratory protection: not required

Hand protection: not required

Eye protection: not required

Skin protection: not required

Other special:

General protective measures / hygiene:

Avoid contact eyes.

Ensure washing facilities after working hours and before breaks. Take off contaminated clothing, wash with warm water and soap.

When using do not eat or drink and do not smoke.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

9. Physical and chemical properties

Appearance:

Physical state:	liquid
Colour:	green apple
Odour:	green apple

Change in physical state:

Freezing point:	< 0°C
Boiling point:	ca. 100°C

Others:

Flash point:	
Ignition point:	
Autoignition temperature:	Material does not have autoignition properties.

Explosion limits: lower/upper:

Decomposition temperature:	unknown
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Oxidizing properties:

Vapour pressure at 20°C:	no data
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Vapour density:

Density at 20°C:	ca. 1 g/cm ³
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Solubility in water at 20°C:	soluble in all proportion
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n-Octanol/water partition coefficient:

pH (at 20°C, in original physical state):	unknown
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Viscosity (at 20°C) dynamical:	unknown
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10. Stability and reactivity

Stability:	No decomposition if stored and handled properly.
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Conditions to avoid:	Warming up suddenly in presence of ignition source.
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Materials to avoid:

Hazardous decomposition products:	Unknown.
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Hazardous reaction:	Unknown.
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Notes:

11. Toxicological information

Acute toxicity:

Oral (OECD 401):	LD ₅₀ (rat)	> 10000 mg/kg (based on components)
Dermal (OECD 402):	LD ₅₀ (rabbit)	
Inhalation (OECD 403):	LC ₅₀ (rat)	

Acute toxicity: irritation

Contact with skin:	not irritant (based on components)
Contact with eyes:	not irritant (based on components)

Sensitization: not sensitising (based on components)

Chronic toxicity not known

Other information, specific effects:

Carcinogen effect:	not known, resp. not carcinogen (based on components)
Mutagen effect:	not known, resp. not mutagen (based on components)
Reproduction-damaging effect:	not known, resp. not reproduction-damaging effect (based on components)

12. Ecological information

Mobility: Soluble in water. Soil soaks the product.

Degradability / persistence:

Biodegradability: Biodegradability of surfactants comply with the criteria of regulation 648/2004/EG.

Bioaccumulation: Unknown.

Ecotoxicity: Ecological data are not available for the product.

Fish toxicity:
Daphnia toxicity:
Algae toxicity:

Biological oxygen demand:

Chemical oxygen demand:

Environmental effects: This product is not expected to be toxic to water organisms (based on components and their low concentrations).

Water hazard classification (German):

13. Disposal considerations

Product disposal:

Wastes of the product: should be treated.

EWC cod: 20 01 30

detergents other than those mentioned in 20 01 29

Disposal must be in compliance with national and local regulations.

Packaging disposal:

Containers with product residue should also be treated according to national and local disposal regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

14. Transport information

Land transport:

Road/ Railway

ADR/RID:

Not classified.

Waterways:

Inland waterways/ Sea transport ADN/IMDG:

Not classified.

Air transport: ICAO / IATA:

Not classified.

15. Regulatory information

Classification and labelling according to EU directives [67/548/EEC and 88/379/EEC, 1999/45/EC (existing versions)] and to Hungarian regulation [44/2000. (XII. 27.) EüM rendelet (existing version)] for hazardous substances and hazardous preparations:

Danger symbol(s) and indication(s):

Not required.

Hazardous component(s):

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The packaging must bear the inscription:

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R-phrases: Not required.

S-phrases: S 2 Keep out of the reach of children (In case of distribution for population)

Tactile warning of danger: not required

16. Other information

Recommended application / restrictions:

See product sheets.

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

This safety data sheet has been prepared according to Regulation (EC) No 1907/2006, Directives 88/379/EEC and 1999/45/EC.

Source of data presented in this material safety data sheet:

Test results of this product

Material safety data sheets of product's components

Hungarian and EU lists of dangerous substances

Relevant Hungarian regulation and EU directives

The full text of each relevant R phrase in Section 3.:

R 10 Flammable

R 11 Highly flammable

R 36 Irritating to eyes

R 67 Vapours may cause drowsiness and dizziness

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Revision Indicators:

Section	Subject of change	Date	Version
1 2 15 16	Name, For more information contact Composition / information on ingredients Regulatory information Other information Other corrections	16.03.2006	1
1 2 3, 11, 16	Name Composition / information on ingredients Regulatory information and other corrections	20.02.2007	2
	Regulatory informations, other corrections	20.07.2007	3
1-16	Regulatory informations, other corrections	16.02.2010	4