

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Substance name: homopolymer of vinyl acetate
CAS: --
Registration number: --
Trade name: DUVILAX[®] LM-52

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

Relevant identified uses:

Duvilax LM-52

- a basic component for the preparation of a lubrication solution during the drawing of the primary fibre in the glass fibres industry. Adds smoothness to fibres, prevents chafing, shattering and fracturing of fibres during processing.
- can be added to some types of sizing solutions for emulsion mats.
- preparation of dispersion adhesives for paper, printing, wood and construction industry.

Derivatives:

Duvilax LM-52/B

a basic component for the preparation of a lubrication solution during the drawing of a primary fibre in glass fibres industry. Adds smoothness to fibres, prevents chafing, shattering and fracturing of fibres during processing

Uses advised against:

Not recommended for other uses than is mentioned.

1.3. Details of the supplier of the safety data sheet:

Duslo, a.s.

Administratívna budova ev.č. 1236
927 03 Šaľa
Slovenská republika

tel.: +421 31 775 2961

fax: +421 31 775 3014

e-mail: emilia.jurisova@duslo.sk

1.4. Emergency telephone number:

NÁRODNÉ TOXIKOLOGICKÉ INFORMAČNÉ CENTRUM,
Klinika pracovného lekárstva a toxikológie, Bratislava
Tel.č.: 02/5477 4166 Fax: 02/5477 4605 e-mail: ntic@ntic.sk

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Mixture is not classified as dangerous according to the Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2. Label elements:

None

2.3. Other hazards:

Information is not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

CAS	EC	Registration number	Classification	Content (%)
poly(vinyl acetate)				
9003-20-7	--	--	--	52.0 – 54.0

3.2. Mixtures:

Contains no hazardous mixtures.

Notes: --

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

After inhalation: Lead the affected person into the fresh air; upon lingering difficulties such as a cough or breathlessness, it is essential to seek medical help.

After skin contact: Wash with warm water and soap.

Version No.: 2	Date of revision: 2.5.2016	Revision No.: 1	Replaces version No.: 1.1
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After eyes contact: Rinse the conjunctiva of the eyes with a large amount of clean water.

After ingestion: Drink small amounts of pure water at room temperature (up to 0,2 l for adults), do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed:

Upon repeated contact, it has irritating effects, which will heal without leaving any traces.

4.3. Indication of any immediate medical attention and special treatment needed:

Information is no available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media:

Product is a non-flammable. Extinguishing Media select in relation to surrounding fire.

Unsuitable extinguishing media:

No known.

5.2. Special hazards arising from the substance or mixture:

None arise.

5.3. Advice for firefighters:

No special measures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Use protective gloves and protective clothes.

6.2. Environmental precautions:

Enclose spilled materials with earth or sand. In the case when there is a possibility of contaminating ground water or surface water, inform the appropriate authorities.

6.3. Methods and material for containment and cleaning up:

If the product is in a liquid form, halt its spreading by drainage. If possible, you can reuse the product or liquidate it as waste. After removing the product, rinses off the surface and the equipment used with water.

6.4. Reference to other sections:

For more information about protective equipment see section 8.

For more information about the disposal of substance, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Upon usage, it is necessary to prevent exposure to the eyes and skin. Keep away from children.

When handling, use appropriate personal protection equipment (gloves).

7.2. Conditions for safe storage, including any incompatibilities:

The supplied product, in the manufacturer's containers, is stored in the original closed and undamaged containers in heated warehouses from 5° C to 40° C and may not be exposed to direct sunlight.

The product supplied in cisterns is stored in storage tanks specially designated for this, protected from corrosion through the effect of moderately acidic environment (pH from 3 to 5). When in storage tanks, free access to air from the surroundings (for example, by a water valve) must be prevented or the tank must be equipped with a mixer. It is essential to ensure that there is no mixing with other media or with harmful microbiological materials. After the tank is emptied, it is necessary to ensure that it is cleaned and disinfected with a biocidal preparation.

7.3. Specific end use(s):

See point 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Indicative occupational exposure limit values (IOELVs) for the protection of workers from chemical risks according to the Directive 98/24/EC.

CAS	Name of agent	Limit values				Notation
		8 hours		Short term		
		mg/m ³	ppm	mg/m ³	ppm	

Version No.: 2	Date of revision: 2.5.2016	Revision No.: 1	Replaces version No.: 1.1
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108-05-4	Vinyl acetate	17.6	5	35.2	10	--
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8.2. Exposure controls:

Ensure local ventilation.

a) Eye/face protection:

Use of suitable protective goggles.

b) Skin protection:

I. Hand protection:

Use of suitable protective gloves. Consult suitable gloves material with their supplier.

II. Other:

work clothes, shoes

c) Respiratory protection:

Thorough ventilation.

d) Thermal hazards:

None known

8.3. Environmental exposure controls:

Information is not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

appearance:	viscous liquid
colour:	white
odour:	weakly acrid
odour threshold:	none
pH:	3.0 – 5.0
melting point/freezing point:	0°C
initial boiling point and boiling range:	> 100°C (133.32 Pa)
flash point:	Information is not available.
evaporation rate:	Information is not available.
flammability (solid, gas):	Information is not available.
upper/lower flammability or explosive limits:	Information is not available.
vapour pressure:	Information is not available.
vapour density:	Information is not available.
density:	1,100 kg/m ³
solubility(ies):	in water: insoluble soluble in ethanol, acetone, methyl acetate.
partition coefficient: n-octanol/water:	Log P= 7.9 ± 1.22 (25 °C pH 6.9)
auto-ignition temperature:	Information is not available.
decomposition temperature:	150°C
viscosity:	700 – 1,200 mPa.s (Rheotest) 1,000 – 4,500 mPa.s (Brookfield)
explosive properties:	not explosive (Method A.14)
oxidising properties:	Information is not available.

9.2. Other information:

No other information is available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Stable under recommended storage and handling conditions.

10.2. Chemical stability:

Stable under recommended storage and handling conditions

10.3. Possibility of hazardous reactions:

Stable under recommended storage and handling conditions

10.4. Conditions to avoid:

Thermal degradation occurs over 150°C

10.5. Incompatible materials:

Version No.: 2	Date of revision: 2.5.2016	Revision No.: 1	Replaces version No.: 1.1
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None are known.

10.6. Hazardous decomposition products:

None are known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

a) acute toxicity:

No information about acute toxicity for mixture is available.

b) skin corrosion/irritation:

Based on available data, the classification criteria are not met.

c) serious eye damage/irritation:

Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity:

Based on available data, the classification criteria are not met.

f) carcinogenicity:

Based on available data, the classification criteria are not met.

g) reproductive toxicity:

Based on available data, the classification criteria are not met.

h) STOT-single exposure:

Information is not available.

i) STOT-repeated exposure:

Information is not available.

j) aspiration hazard:

Information is not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

Information about hazards to environment is not available.

12.2. Persistence and degradability:

Biodegradability in soil dispersion is comparable to the degradation of cellulose. The rate of decomposition in water is low. The mechanism for removing particles dispersed in biological treatment plants is not biological decomposition, but coagulation, sedimentation and biosorption into biomass present in the treatment plant.

12.3. Bioaccumulative potential:

Does not accumulate.

12.4. Mobility in soil:

Non-mobile.

12.5. Results of PBT and vPvB assessment:

The product meets the criteria for PBT and vPvB substance.

12.6. Other adverse effects:

In an undiluted state, the substance can jeopardize the process of activation in wastewater treatment plants.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal of the product - the product is not classified as a dangerous substance. It may be liquidated at incinerators for wastes. The remainder of the material, after diluting with water, can be liquidated in a wastewater treatment plant.

Liquidation must always fulfil the conditions of valid national and regional provisions.

Disposing of the container - Upon careful emptying, containers are rinsed and turned in for separated collection. Larger volume containers should be thermally disposed of in waste incinerators.

Waste code:

08 04 10 waste adhesives and sealants other than those mentioned in **08 04 09**

Version No.: 2	Date of revision: 2.5.2016	Revision No.: 1	Replaces version No.: 1.1
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15 01 02 plastic packaging

SECTION 14: TRANSPORT INFORMATION

Ship in original containers, protected from damage. During shipping all provisions on public shipping are valid. Not subordinated to provision ADR/RID/IATA DGR/IMDG code.

14.1. UN number: unassigned

14.2. UN proper shipping name: unassigned

14.3. Transport hazard class(es): unassigned

14.4. Packing group: unassigned

14.5. Environmental hazards: Product is not classified as environmentally hazardous substance according to the ADR/RID/IMDG Code.

14.6. Special precautions for user: unassigned

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code: Information is no available.

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SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Corrigendum to 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) and as amended;

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 and as amended;

COMMISSION REGULATION (EU) 2015/830 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH);

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work and as amended;

15.2. Chemical safety assessment:

Within the meaning of Article 2, paragraph 9 of Regulation No.: 1907/2006 (REACH), the chemical safety assessment is not applicable on this product.

SECTION 16: OTHER INFORMATION

16.1. Used information sources:

Technical characteristics of the product.

16.2. Instructions for the training:

Instruction in work with product shall be included into the educational system about the safety work (initial training, training at the workplace, repeated training) according to concrete conditions at the workplace.

16.3. List of relevant H-phrases:

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16.4. Changes made in the revision:

Change of safety data sheet form.

16.5. Other information:

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