

**TEXTIL PROT NANO****Material Safety Data Sheet (MSDS)**

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Version: 1.0

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier: TEXTIL PROT NANO**

**1.2 Relevant identified uses of the substance or mixture and uses advised against:** Product intended for leather protection.

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

TENZI Sp. z o.o., 72-002 Dołuje, Skarbimierzyce 20, e-mail: [info@tenzi.pl](mailto:info@tenzi.pl), [www.tenzi.pl](http://www.tenzi.pl), tel. +48 91 3119777, fax. +48 91 3119779 E-mail address for a competent person responsible for MSDS: [technolog@tenzi.pl](mailto:technolog@tenzi.pl)

**1.4 Emergency telephone number:** +48 91 31 19 777 (mon. - fri. 8am-4pm) or 112

**SECTION 2. HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008**

Flam Liq. 2 H225 – Highly flammable liquid and vapour

Eye Irrit. 2 H319 – Causes serious eye irritation

Asp. Tox. 1 H304 – May be fatal if swallowed and enters airways

STOT SE 3. H336 – May cause drowsiness or dizziness

**2.2. Label elements****According to 1272/2008/EC\***

Hazard symbols :



Signal words: **DANGER**

**Hazard statements:**

H225 – Highly flammable liquid and vapour

H319 – Causes serious eye irritation

H315 – Causes skin irritation

H304 – May be fatal if swallowed and enters airways.

H336 – May cause drowsiness or dizziness.

**Precautionary statements**

P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P271 – Use only outdoors or in a well-ventilated area.

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 – Do NOT induce vomiting.

P405 – Store locked up.

**2.3. Other hazards**

Substance does not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

**SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

## TEXTIL PROT NANO

**3.1 Substances**  
not applicable

**3.2 Mixture**

**Composition (according to: 648/2004/EC):** <60% alcohols, <20% Hydrocarbons C<sub>9</sub>-C<sub>11</sub>, care products, excipients

Product / ingredient name	Concentration [% weigh]	CAS / EC	Index-No.	REACH registration number	Classification
					Regulation (EC) No. 1272/2008 [CLP]
Propan-2-ol / Isopropanol	< 40	67-63-0 200-661-7	603-117-00-0	01-21195292	Flam Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336
Ethanol	< 20	64-17-5 200-578-6	603-002-00-5	30-52-XXXX	Flam Liq. 2 H225
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	< 20	--- 919-857-5	919-857-5	01-21194632 58-33-XXXX	Flam Liq. 3. H226, Asp. Tox. 1 H304, STOT SE 3 H336
n-Butyl acetate	< 10	123-86-4 204-658-1	607-025-00-1	01-21194854 93-29-XXXX	Flam Liq. 3. H226, STOT SE 3 H336

The full texts of phrases and H-symbols are in 16th section.

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Inhalation**– In case of inhalation poisoning symptoms (cough, dyspnea, dizziness) move to fresh air. Lay patient down in semi-recumbent posture, physical activity may cause pulmonary edema. Keep warm and rested. Get medical attention.

**Skin contact**– If product comes in contact with the skin immediately remove all contaminated clothing and flush exposed area with large amounts of water. Consult a doctor in case burns or irritation occur.

**Eye contact**– Immediately flush eyes with running water at least 15 minutes keeping eyelids open. Get medical attention.

**Ingestion**– If swallowed, DO NOT induce vomiting. Keep victim rested. Get medical attention immediately.

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

**Inhalation** – Long-term exposures or un-well ventilated area may cause: drowsiness, dizziness, upper respiratory tract irritation.

**Skin** – May cause skin irritation.

**Eyes** – Causes eye irritation.

**Ingestion** – May be fatal if swallowed and enters airways. May cause chemical pneumonitis and pulmonary edema if swallowed.

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

Obtain medical attention. Self-contained eye wash or shower should be readily available.

## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media:** foam, dry extinguishing agent, sand, carbon dioxide, water spray or fog

**Extinguishing media which shall not be used for safety reason:** Do not use solid water streams.

### 5.2. Special hazards arising from the substance or mixture

Product is highly flammable. Incomplete combustion may form carbon monoxide. Product will float and can be reignited on surface of water. The heavier-than-air vapors can flow along ground surfaces to a distant ignition source and flash back.

### 5.3. Advice for firefighters

Firefighters should wear full protective clothing and self-contained breathing apparatus. In case of fire warn the people nearby. Evacuate unprotected and untrained personnel from hazard area. Notify relevant emergency services. If possible, remove the containers away from the influence of fire and high temperature. Water may be used to keep fire-exposed

containers cool until fire is out. The after burning residues should be removed.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** self-contained breathing apparatus, protective clothes, protective gloves, safety glasses

**For emergency responders:** self-contained breathing apparatus, protective clothes, protective gloves, safety glasses

### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Prevent spills from entering sewers, surface water or groundwater. If it is possible confine and contain the spill by closing liquid flow, damage container put into protect leak proof wrapping. For large spill make a dike around the outside edges of the spill. Clean-up materials store for disposal as hazardous waste. Decontaminate polluted area with water. For small spill use absorbent materials (sand solid, sawdust, fines limestone) and store for disposal as hazardous waste. Decontaminate polluted area with water

### 6.4. Reference to other sections

See section 8 and 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Please note that you need to be carefully while working with this product. Use personal protection recommended in section 8.

Mix only with water. DO NOT mix with other chemical substances.

People with skin allergy or respiratory system problems should not have contact with this product.

Avoid risk – read this instruction sheet carefully before using.

After usage keep container tightly closed. Keep away from unauthorized people.

Use only adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly close, original plastic container. Store this product in dry environment that will be maintained at temperature between 5<sup>0</sup>C - 30<sup>0</sup>C. Store in good ventilated area with easy clean alkali resistant floor. DO NOT expose to sunlight. Keep away from heat, sparks, flame and source of ignition.

### 7.3. Specific end use(s)

No data available.

## SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### 8.1. Control parameters

Please check any national occupational exposure limit values in your country.

**TLV-TWA, TLV-STEL and TLV-C values for substances (according to MSDS or Chemical Safety Report):**

**Propan-2-ol / Isopropanol (data for high concentrations substance):**

TLV-TWA: 900 mg/m<sup>3</sup>

TLV-STEL: 1200 mg/m<sup>3</sup>

**Ethanol (data for high concentrations substance):**

TLV-TWA: 1900 mg/m<sup>3</sup>

TLV-STEL: not identified

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (data for high concentrations substance):**

TLV-TWA, TLV-STEL - not identified

**n-Butyl acetate (data for high concentrations substance):**

TLV-TWA: 200 mg/m<sup>3</sup>

TLV-STEL: 950 mg/m<sup>3</sup>

**DNEL /PNEC values for substances (according to MSDS or Chemical Safety Report):**

**Propan-2-ol / Isopropanol (data for high concentrations substance):**

DNEL Exposure frequency: long term, Exposure route: dermal, Value: 888 mg/kg, Group: workers

DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 500 mg/m<sup>3</sup>, Group: workers

DNEL Exposure frequency: long term, Exposure route: dermal, Value: 319 mg/kg bw/day, Group: consumers

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DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 89 mg/m<sup>3</sup>, Group: consumers  
DNEL Exposure frequency: long term, Exposure route: oral, Value: 29 mg/kg/bw/day, Group: consumers  
PNEC Aqua (fresh water): 140,9 mg/l  
PNEC Aqua (marine water): 140,9 mg/l  
PNEC Sediment (freshwater): 552 mg/kg  
PNEC Soil: 28 mg/kg

**Ethanol (data for high concentrations substance):**  
DNEL Exposure frequency: long term, Exposure route: dermal, Value: 343 mg/kg, Group: workers  
DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 950 mg/m<sup>3</sup>, Group: workers  
DNEL Exposure frequency: long term, Exposure route: dermal, Value: 206 mg/kg bw/day, Group: consumers  
DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 114 mg/m<sup>3</sup>, Group: consumers  
DNEL Exposure frequency: long term, Exposure route: oral, Value: 87 mg/kg/bw/day, Group: consumers  
PNEC Aqua (fresh water) 0,96 mg/l  
PNEC Aqua (marine water) 0,79 mg/l  
PNEC Sediment (freshwater) 3,6 mg/kg  
PNEC Soil 0,63 mg/kg

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (data for high concentrations substance):**  
DNEL Exposure frequency: chronic, Exposure route: dermal, Value: 300 mg/kg/day, Group: workers Type of effect: systemic effect  
DNEL Exposure frequency: chronic, Exposure route: inhalation, Value: 1500 mg/m<sup>3</sup>, Group: workers Type of effect: systemic effect  
DNEL Exposure frequency: chronic, Exposure route: dermal, Value: 300 mg/kg/day, Group: general population / consumers, Type of effect: systemic effect  
DNEL Exposure frequency: chronic, Exposure route: inhalation, Value: 900 mg/m<sup>3</sup>, Group: general population / consumers Type of effect: systemic effect  
DNEL Exposure frequency: chronic, Exposure route: oral, Value: 300 mg/kg/day, Group: general population, Type of effect: systemic effect

**n-Butyl acetate (data for high concentrations substance):**  
DNEL Exposure frequency: long term, Exposure route: dermal, Value: 7 mg/kg bw/day, Group: workers Type of effect: systemic effect  
DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 48 mg/m<sup>3</sup>, Group: workers  
DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 48 mg/m<sup>3</sup>, Group: workers  
DNEL Exposure frequency: long term, Exposure route: dermal, Value: 3,4 mg/kg bw/day, Group: general population  
DNEL Exposure frequency: long term, Exposure route: inhalation, Value: 12 mg/m<sup>3</sup>, Group: general population  
DNEL Exposure frequency: long term, Exposure route: oral, Value: 3,4 mg/kg bw/day, Group: general population  
PNEC Aqua (fresh water): 0,18 mg/l  
PNEC Aqua (marine water): 0,018 mg/l  
PNEC Aquatic (intermittent release): 0,36 mg/l  
PNEC Sewage treatment plant: 35,6 mg/l  
PNEC Sediment (freshwater): 0,981 mg/kg  
PNEC Sediment (marine water): 0,0981 mg/kg  
PNEC Soil: 0,0903 mg/kg

**NOTE:** When the concentration of substance is known, personal protective equipment should be chosen based on: substance concentration on a workplace, exposure time and operations performed by the employee. In emergency situations, if substance concentration on the workplace is unknown, personal protection of highest class level should be used.

**8.2. Exposure controls****Personal protective equipment**

**RESPIRATORY PROTECTION:** in case of insufficient ventilation, wear suitable respiratory equipment - masks with gas and vapour protection

**HAND PROTECTION:** chemical-resistant gloves for example: DERMATRIL

**EYE/FACE PROTECTION:** safety glasses

**SKIN PROTECTION:** protective clothes

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

APPEARANCE/FORM: transparent liquid

ODOUR: characteristic of diluent

ODOUR THRESHOLD: not identified

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pH ±7  
MELTING/FREEZING POINT: not identified  
INITIAL BOILING POINT AND BOILING RANGE: not identified  
FLASH POINT: 23<sup>0</sup>C  
EVAPORATION RATE: not identified  
FLAMMABILITY (SOLID,GAS): not identified  
UPPER/LOWER FLAMMABILITY (UEL/LEL): not identified  
VAPOUR PRESSURE: not identified  
VAPOUR DENSITY: not identified  
RELATIVE DENSITY: 0,777÷0,020 g/cm<sup>3</sup>  
SOLUBILITY:  
a) WATER: non-soluble  
b) ORGANIC SOLVENT: not identified  
PARTITION COEFFICIENT N-OCTANOL/WATER: not identified  
AUTO-IGNITION TEMPERATURE: not identified  
DECOMPOSITION TEMPERATURE: not identified  
VISCOSITY: not identified  
EXPLOSIVE PROPERTIES: not identified  
OXIDISING PROPERTIES: not identified

**9.2. Other information**

REFRACTIVE INDEX – 26% Brix\* ± 5%

\* - Degrees Brix is the content of an aqueous solution. One degree Brix is 1 gram of sucrose in 100 grams of solution and represents the strength of the solution as percentage by weight (%w/w)

**SECTION 10. STABILITY AND REACTIVITY****10.1 Reactivity**

Mixture is highly flammable.

**10.2 Chemical stability**

Stable under recommended storage conditions (see point 7)

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

Avoid storage unprotected from heat and not well-ventilated area. Avoid long-term expose to sunlight, heat, sparks, flames and other sources of ignition

**10.5 Incompatible materials**

strong oxidizers

**10.6 Hazardous decomposition products**

Unknown

**SECTION 11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****ACUTE TOXICITY:**

- **INHALATION:** Long-term exposures or un-well ventilated area may cause: drowsiness, dizziness, upper respiratory tract irritation.

-**DIGESTIVE SYSTEM:** May be fatal if swallowed and enters airways. May cause chemical pneumonitis and pulmonary edema if swallowed.

- **SKIN CONTACT:** Long term contact may cause skin irritation.

- **EYE CONTACT:** Causes eye irritation.

**DETAILS OF PARTICULAR COMPONENTS (according to substances's MSDS)****Propan-2-ol / Isopropanol (data for high concentrations substance):**

LD>50 2000 mg/kg (Acute toxicity, oral)

LD50> 2000 mg/kg (Acute toxicity, dermal)

LC50>5 mg/l

Local effects:

-skin- non-irritant  
-eyes- irritant  
Sensitising effects were not observed.  
High vapor concentration may cause neurotic effects.  
Germ cell mutagenicity: Ames test negative  
Carcinogenicity: not carcinogenic effects  
Reproductive toxicity: No adverse effects were observed  
**Ethanol (data for high concentrations substance):**  
LD50: 6200 mg/kg  
LC50: 95,6 mg/l/4h  
**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (data for high concentrations substance):**  
LD50 >5000 mg/kg (rat, oral) acc. to OECD 401.  
LD50 >5000 mg/kg (rabbit, skin) acc to OECD 402.  
LC50 >4951 mg/m<sup>3</sup>/4h (rat, inhalation) acc. to OECD 403.  
Skin corrosion/irritation: Long term skin exposure may cause mild skin irritation.  
Serious eye damage/eye irritation: May cause moderate but temporary irritation to the eyes.  
Specific target organ toxicity (single exposure): may cause drowsiness or dizziness.  
Aspiration hazard: May be fatal if swallowed and enters airways.  
High vapor concentration over recommended exposure limits may cause eyes and respiratory tract irritation, may cause headaches, drowsiness and nausea, anaesthetic and other effects on the central nervous system.  
Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amount of this product may be drawn into the lungs by either swallowing or vomiting may lead to chemical pneumonia and pulmonary edema  
**n-Butyl acetate (data for high concentrations substance):**  
LD50 / rat : > 5000 mg/kg (oral)  
LD50 / rat : 14130 mg/kg (oral)  
Method: OECD Guideline 423.  
ALC - probable Lethal dose /4h rat: 2,1 mg/l  
LC50 / 4 h rat : > 21,1 mg/l (inhalation)  
Method: OECD Test Guideline 403  
Central nervous system depression.  
LD50 / rabbit : > 14112 mg/kg (skin)  
Method: OECD Test Guideline 402  
Human health effects of overexposure may include:  
Inhalation:  
Upper respiratory tract, lungs: nausea, headache, weakness, irritation, cough, narcotic symptoms. Symptoms may be delayed.  
Skin contact:  
Irritation, discomfort, dermatitis (rash), sensitization, allergic reactions.  
Eye contact:  
Irritation, discomfort, blurred vision.  
Ingestion:  
Liver, central nervous system: dizziness, headaches, discomfort, lack of coordination, loss of consciousness, narcosis

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### DETAILS OF PARTICULAR COMPONENTS

##### **Propan-2-ol / Isopropanol (data for high concentrations substance):**

- for fish: LC50 > 100 mg/l/48h.
- for Daphnia: EC50 > 100 mg/l/48h.
- for algae: EC50 > 100 mg/l/72h.

##### **Ethanol (data for high concentrations substance):**

- for Fish: LC50 = 8140 mg/l/48h.
- for Daphnia: EC50 9268 – 14221 mg/l/48h.
- for algae: EC50 5000 mg/l/7d.

##### **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (data for high concentrations substance):**

- for Daphnia: EL0 1000 mg/l/48h (Daphnia magna)
- for algae: NOERL 100 mg/l/72h; EL50 >1000 mg/l/72h (Pseudokirchneriella subcapitata)
- for fish: LL50 >1000 mg/l/96h (Oncorhynchus mykiss)

##### **n-Butyl acetate (data for high concentrations substance):**

- for fish: LC50 / 96 h / Pimephales promelas (gold fish): 18 mg/l

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Method: OECD Guideline 203.

- for algae: ErC50 / 72 h / Desmodesmus subspicatus (green algae) 648 mg/l

- for Daphnia: EC50 / 48 h / Daphnia magna (Daphnia): 37,9 mg/l, EC50 / 48 h / Daphnia magna (Daphnia): 44 mg/l

- Aquatic invertebrates: NOEC / 21 d / Daphnia magna (Daphnia): 23 mg/l

Method: OECD Guideline 211.

**12.2 Persistence and degradability:**

The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

**Propan-2-ol / Isopropanol (data for high concentrations substance):**

Biodegradability: >70% after 10 days

**Ethanol (data for high concentrations substance):**

Readily biodegradable.

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (data for high concentrations substance):**

Product is quickly biodegradable

**n-Butyl acetate (data for high concentrations substance):**

Time: 28 days, Biodegradation: 96%

Method: OECD Guideline 301D.

Readily biodegradable.

**12.3 Bioaccumulative potential****Propan-2-ol / Isopropanol (data for high concentrations substance):**

Potential for bioaccumulation: logPow 0,05

**Ethanol (data for high concentrations substance):**

Potential for bioaccumulation: logPow 0,05

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (data for high concentrations substance):**

No data available

**n-Butyl acetate (data for high concentrations substance):**

Bioconcentration Factor (BCF): 15,3

Bioaccumulation improbable.

**12.4 Mobility in soil**

Product evaporates quickly and leaves no residue. Adsorption to suspended solids and sediment is not expected.

**12.5 Results of PBT and vPvB assessment**

This substance/mixture does not meet the PBT and vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****RESIDUES AND WASTES**

DO NOT mix with other liquid wastes. DO NOT empty into drain. Dispose of this material and its container at hazardous or special waste collection point.

**13.1. WASTE TREATMENT METHODS**

Contaminated containers should be completely emptied. Several times rise container (or equivalent) promptly after emptying. Empty container can be stored in containers for collection of plastic packaging, or can be delivered to specialized company for recycling.

Disposal should be in accordance with the national/international regulations.

**SECTION 14. TRANSPORT INFORMATION**

Trade name: **TEXTIL PROT NANO**

**14.1. UN Number:** 1987

**14.2. UN proper shipping name:** Alcohols, n.o.s.

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

**14.5. Environmental hazards:** Product is not dangerous for environment

**14.6. Special precautions for user:** For more details see Sections 6 and 8

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** no data available

**Warning label:****SECTION 15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- 1) COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- 2) REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- 3) COMMISSION REGULATION (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII thereto
- 4) REGULATION (EC) No 1336/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 amending Regulation (EC) No 648/2004 in order to adapt it to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- 5) COMMISSION REGULATION (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)
- 6) REGULATION (EU) No 259/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 14 March 2012 amending Regulation (EC) No 648/2004 as regards the use of phosphates and other phosphorus compounds in consumer laundry detergents and consumer automatic dishwasher detergents
- 7) REGULATION (EC) No 273/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 February 2004 on drug precursors)
- 8) 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

**15.2. Chemical safety assessment**

**For mixture:** A Chemical Safety Assessment has not been carried out.

**For substance:**

**Propan-2-ol / Isopropanol:** A Chemical Safety Assessment has been carried out.

**Ethanol:** A Chemical Safety Assessment has been carried out.

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:** A Chemical Safety Assessment has been carried out.

**n-Butyl acetate:** No data available

**SECTION 16. OTHER INFORMATION**

Information above are based on current knowledge of product on its current form. All data are presented in order to take into account safety requirements priority and not to guarantee special properties of the product. If product usage conditions are not under manufacturer control, responsibility for safe use lies with the person that uses them.

The employer is obliged to inform all employees, who have contact with the product, about the risk and safety measures specified in the data sheet.

Safety data presented above were prepared based on safety characteristics of substances used by the producer to compose the product and based on regulations for handling dangerous substances and their preparation.

Flammability classification of chemical mixture was done based on specific ignition temperature. The remaining classifications were made based on a calculation method and the concentrations of hazardous ingredients in the mixture.

The full list of phrases and H symbols from Section 2 and 3:



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Flam liq. 2 - Flammable liquid, category 2  
Eye Irrit. 2 - Causes eye irritation, category 2  
STOT SE 3 - Specific target organ toxicity - Single exposure STOT, category 3.  
Flam liq. 3 - Flammable liquid, category 3  
Asp. Tox. 1 - Aspiration hazard, category 1

H225 – Highly flammable liquid and vapour  
H304 – May be fatal if swallowed and enters airways.  
H319 – Causes serious eye irritation.  
H336 – May cause drowsiness or dizziness.

More information on the product can be found on the specific technical data sheet which is available on [www.tenzi.pl](http://www.tenzi.pl).

**Training:** Course participants should be trained about how to handle this hazardous substance, about safety and work hygiene. Drivers should also be trained and obtain proper certification in accordance with the ADR requirements.

**TEXTIL PROT NANO** was submitted to Inspector for Chemical Substances.

**Expiry date:** 12 months from the production date (if product is stored according to the producent recommendations)

**Changes compared to the previous version:**

-general update. Updated cards versions are now available on [www.tenzi.pl](http://www.tenzi.pl)

This Material Safety Data Sheet contains 9 pages. Changes in the content by unauthorized persons is prohibited.

Skarbimierzyce 01.06.2015