

PLANIKA Sp. z o.o.
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planika
NEW SENSE OF FIRE

FANOLA PREMIUM

Date of issue : 20.03.2018 / Version 5.0/EN

MATERIAL SAFETY DATA SHEET

Basis: Commission Regulation EC No. 2015/830, 28.0.2015

1. Substance/product and manufacturer identification :

- 1.1 Commercial Name : FANOLA PREMIUM, ethyl alcohol fully contaminated of 94 - 97% strength
Chemical formula : compound
- 1.2 Application : Ecological cleaner/Degreaser,
Solvent, used in laboratories, cosmetic and pharmaceutical industry,
Natural fragrances, substances and paint diluter,
For a decorative fire,
Used to start a fire.
- 1.3 Manufacturer's name and address :
PLANIKA Sp. z o.o.
Ul. Bydgoska 38
86-061 Brzoza
REGON No: 093115222
VAT No: 5542520460
- 1.4 Telephone : 112
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2. Composition and information on ingredients :

- 2.1 Classification according to the EC Regulation No. 1272/2008 :
Flam.Liq. 2
H 225 - Highly flammable liquid and vapor
H 319 - Causes serious eye irritation
- 2.2 Label elements :
The product labeled in accordance with the current labeling regulations
Warning sign - danger
Pictogram : GHS02



Phrase indicating the type of threat : H225, H319

Precautionary statements :

- prevention :

- P210 - Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P243 - Take precautionary measures against static discharge.
P280 - Wear protective gloves / protective clothing / eye protection / face protection.

- response :

- P303+P361+P353 - If on skin (or hair) : Remove immediately / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P403+P235 - Store in a well-ventilated place. Keep cool.

- removal :

- P501 - Dispose of contents / container with local / regional / national / international regulations.

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3. Ingredients properties :

Hazardous substance	Content	CAS Registry Number	WE Number	Index	Reach Number	Return coden	Hazard code
Ethanol of 94 - 97% strength	90 - <100%	64-17-5	200-578-6	603-002-00-5	01-2119457610-43-XXXX	H225 H319	Eye Irrit.2 Flam.Liq.2
Propan-2-ol	1,5 %	67-63-0	200-661-7	603-117-00-0	01-2119457558-25-XXXX	H225 H319 H336	Flam.Liq.2 Eye Irrit.2 STOT SE 3
Buten-2-one	< 1%	78-93-3	201-159-0	606-002-00-3	01-2119457290-43-XXXX	H225 H319 H336	Flam.Liq. 2 Eye Irrit.2 STOT SE 3

4. First aid procedures :

4.1 Description of first aid measure

Routes of exposure : inhalation, ingestion, skin contact, eye contact.

The consequences of inhalation :

Remove casualty to fresh air and lay down. If needed provide artificial respiration and get medical help.

The consequences of ingestion :

Due to the presence of contaminants in ethanol industries, it is essential to provide the casualty plenty of water to drink, do not induce vomiting. In case of serious poisoning take the patient to the hospital for further observation and treatment.

Contact with eyes :

In case of contact with eyes, rinse immediately with plenty of water with wide open lids for at least 15 minutes, remove contact lenses, in case of irritation ensure ophthalmologist.

Contact with skin :

In the event of contact with skin, remove soaked clothing and shoes, wash immediately with plenty of water. If needed ensure medical assistance and dermatologist's advice.

4.2 Acute and delayed symptoms and effects of exposure

In contact with the eye may cause redness and tearing leading to irritation. Inhalation may cause coughing and difficulty breathing, dizziness and disorders of the central nervous system. If swallowed, may cause irritation of the mouth, throat and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, do not induce vomiting. Treat symptomatically.

For specialist advice physicians should contact the National Poisons Information Service.

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5. Fire-fighting measures :

5.1 Special hazards :

Product inflammable. There is a probability of arising explosive compound when mixed with air. Partial combustion products may contain carbon oxide and carbon dioxide.

5.2 Fire-fighting measures :

Foams resistant to alcohol or film-creating foams or water-dispersed water jets in case of large fires; small fires to be fought with fire-fighting powder (A, B, C), carbon dioxide. Do not use full streams of water. Inappropriate fire-fighting measures: compact stream of water - the risk of fire spreading.

5.3 Other information :

Keep adjacent containers cool by spraying of water from safe distance. Remove from risk zone if possible.

6. Accidental release measures :

6.1 Personal protection measures :

- protective gloves
- protective goggles

6.2 Accidental spill or leak measures :

Prevent contamination of water and soil. Prevent spreading or penetration into sewage systems, ditches or rivers by using sand, soil or other suitable barriers. In case of small leaks, absorb the liquid or prevent from further leaking by using sand or soil. Clean the contaminated spot with plentiful of water.

7. Handling and storage :

Storage :

Store in sealed containers in room with good ventilation, far from fire and heat sources and spar-generating tools. Do not smoke.

Handling :

Comply with protection and safety law regulations. Do not smoke. Avoid breathing vapors.

8. Exposure controls and personal protection :

During production use following personal protection measures :

- Respiratory tract protection : - use in case of insufficient ventilation
Hand protection : - protective gloves (e.g. PVC)
Eye protection : - tight protective goggles
Technical protection measures : - ventilation of rooms

Other protective equipment :

Personal protection measures should comply with the requirements of the Ordinance of the Minister of Economy as of 21 December 2005 and Directive No. 89/686/EEC with subsequent amendments.

Exposure control : highest admissible concentrations:

Main substance :
Ethanol NDS = 1900 mg/m³
DNEL-inhalation - 950 mg/m³
DNEL-dermal - 343 mg/kg/day

Environment exposure controls :

Prevent spreading or penetration into groundwater, sewage systems or soil.
Follow the general Health and Safety Regulations.

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09. Physical and chemical properties :General characteristics : **transparent liquid with a distinct odour**

Ignition temperature [°C]	23
Self-ignition temperature [°C]	383
Upper explosive limit [% V/V]	15
Lower explosive limit [% V/V]	3,5
Density [kg/m ³] at temp.20°C	<1g/cm ³
Molecular mass	compound
Phase at temp.20°C	liquid
Solubility in other solvents	hydrocarbons, alcohols, ethers
Solubility in water	soluble
Boiling point [°C]	78,2
The n-octanol/water partition coefficient	-0,32 in 25°C
Light refraction coefficient	1,3648
Vapor pressure at temp. 25°C [mm Hg]	> 49
Viscosity at temp. 20°C [mPas]	1,17
Resistance	< 4,5 MΩ

10. Stability and reactivity :

Stability : stable substance in normal conditions. The substance may react with strong oxidants and acids. The product vapors may create an explosive compound when mixed with air.

Combustion products : carbon dioxide, water

Avoid contact of the product with strong oxidants.

11. Toxicological information :

Not corrosive
 Not sensitizing
 Not mutagenic
 Not carcinogenic

Concentration, lethal and toxic doses for main substance :

Odour smelling threshold	no data		
LD50 rat, oral	7060 mg/kg	human	6000 mg/kg
LC50 rat, inhaled	38400 mg/m ³ (10h)		
LD50 rabbit, skin	>20000 mg/kg		

Following considerable exposure :

The liquid or vapors may cause lacrimation, conjunctivitis, irritation of nose and throat mucous membranes. Swallowing or consumption may cause nausea, vomiting, mobile coordination disorders, headaches, dizziness, breathing difficulties.

12. Ecological information :

The product is soluble in water. It is subject to evaporation from water surface. The liquid is biodegradable to a large extent, subject to quick oxidisation in water and air due to photochemical reactions.

Toxicity for fish : LC50=1300 mg/l/96h (rainbow trout)

13. Waste disposal :

Utilize accordingly to the effective provisions of the law. Do not store together with municipal waste, prevent from getting into the sewage system. Waste code : 020703 (chemical wastes). Packaging waste code : 150102 (plastic packaging)- the classification is the manufacturer's proposal.

Packaging emptied from all product residues shall be delivered to appropriate waste dump or for utilization accordingly to a local law regulations.

14. Information on transport :

UN No. of hazardous product : UN 1170
Shipping name: Ethanol compound FLAMMABLE LIQUID, N.O.S.
(contains bioethanol)
Class: 3
Warning label : No. 3 
Packaging group : II

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15. Information on legal provisions :

Law regulations concerning safety, health and environmental protection specific for the substance or compound

- I. Regulation (EC) No.2015/830 of 28 May 2015 amending Regulation No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and its subsequent amendments.
- II. Regulation No. 1272/2008 of the European Parliament and Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EEC and amending Regulation (EC) No. 1907/2006 and its subsequent amendments.
- III. Regulation No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and its subsequent amendments.
- IV. The Act on chemical substances and their mixtures of 25 February 2011 (Journal of Laws 2011 No. 63, pos. 322 and its subsequent amendments).
- V. The Ordinance of the Minister of Health of 10 October 2013 amending the Ordinance on categories of hazardous substances and compounds which packaging are fitted with child-safe closures and tactile warning (Journal of Laws 2013 pos. 1225).
- VI. The Act on Waste of 14 December 2012 (Journal of Laws 2013 pos. 21 and its subsequent amendments).
- VII. The Act on Packaging and Packaging Waste Management of 13 June 2013 (Journal of Laws 2013 pos. 888 and its subsequent amendments).
- VIII. The Ordinance of the Minister of Environment of 9 December on the Waste Catalogue (Journal of Laws 2014 pos. 1923).
- IX. The Council Directive 75/442/EEC on Waste, the Council Directive 91/689/EEC on Hazardous Waste, Commission Decision No. 2000/532/EC of 3 May 2000 establishing a list of wastes, OJ No. L 226/3 of 6 September 2000 and its subsequent amendments.
- X. The Act on the Transport of Dangerous Goods of 19 September 2011 (Journal of Laws 2011 pos. 1367 and its subsequent amendments).
- XI. The Government Statement of 23 March 2011 on the entry into force of the amendments of the annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Journal of Laws 2011 No. 110, pos. 641).
- XII. The Ordinance of the Minister of Labour and Social Policy of 6 June 2014 on Maximum Permissible Concentration and Intensity of Agents Harmful to Health in the Working Environment (Journal of Laws 2014 pos. 817 and its subsequent amendments).
- XIII. The Ordinance of the Minister of Health of 30 December 2004 on Safety and Hygiene of Work Related to Chemical Factors Present at the Workplace (Journal of Laws 2005 No. 11 pos. 86 and its subsequent amendments).
- XIV. The Ordinance of the Minister of Environment of 9 December 2003 on substances posing a particular hazard to the environment (Journal of Laws 2003 No. 217 pos. 2141).

15.2 Chemical Safety Assessment. No data. The Chemical Safety Assessment is not required for compounds.

Full text of H statements:

H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapor.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Description of abbreviations, acronyms and symbols used :

Eye Irrit. 2 - Causes serious eye irritation, category 2
Flam. Liq. 2 - Highly flammable liquid and vapor, category 2
STOT SE 3 - May cause respiratory irritation - Specific target organ toxicity (single exposure) - category 3
Acute Tox. 4 - Acute toxicity - category 4
TLV - Threshold Limit Value
TLV-STEL - Threshold Limit Value - Short Term Exposure Limit
TLV-CL - Threshold Limit Value - Ceiling
LC50 - Lethal Concentration 50%
LD50 - Lethal Dose 50%
EC50 - Effective Concentration 50%
NOEC - No Observed Effect Concentration
PNEC - Predicted No Effect Concentration
CAS - identification number according to Chemical Abstracts Service
REACH - Regulation No. 1907/2006 of the European Parliament and Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals.
CLP - 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.

SOURCES :

Annex to Regulation (EC) No.2015/830 of 28 May 2015.

Law regulations cited in section 15 of this Material Safety Data Sheet.

Manufacturer's Material Safety Data Sheet.

The information provided in this Material Safety Data Sheet refers only to the product mentioned in its title. All data should be considered only as a support in safe usage of Fanola product. Since the storage, carriage and usage conditions are beyond our control it can not be a warranty in the legal sense.

In any case it is essential to obey the law regulations and potential third party rights.