

SAFETY DATA SHEET “SMELL” AIR REFRESHER

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1 Product identifier.

Trade name: SMELL Carpet fragrance

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

Identified uses: Carpet liquid fragrance

Uses advised against: other than listed above

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

Name and address: Protima Sp. z o.o. 62-050 Komorniki, ul. Żabikowska 18

Telephone number: (61) 22 10 400

Fax:

Person responsible for developing the safety data sheet: Michał Miłowski, e-mail: biuro@protima.pl

1.4 Emergency telephone number.

998 or 112, the nearest unit of State Fire Brigade

Toxicological information in Poland 042/ 631 47 24 (between. 7a.m.-3.p.m.)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008

Eye irritation, cat.2,

H319 – Causes serious eye irritation.,

Target organ toxicity – single exposure (STOT), cat.3,

H336 – May cause drowsiness or dizziness

Flammable liquid, cat.2,

H225 – Highly flammable liquid and vapour

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children.

P280 – Wear protective gloves/protective clothing/eye protection/face protection

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

P264 – Wash thoroughly after handling

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Continue rinsing.

P370+P378 In case of fire: Use ABC type powder fire extinguisher to extinguish.

P501 Dispose of contents/container to waste segregation tanks in your municipality (region)

2.2 Label elements



Signal word: DANGER

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Composition:

Name	Numbering and identification	Classification According to Regulation 1272/2008	Concentration
Ethanol	CAS: 64-17-5 WE: 200-578-6 Index number: 603-002-00-5 REACH: 01-2119457610-43-XXXX	Eye irritation, cat.2; H319 Flammable liquids, cat. 2, H225	50-75 %
Propan-2-ol	CAS: 67-63-0 WE: 200-661-7 Index number: 603-117-00-0	Eye irritation, cat.2; H319 Flammable liquids, cat. 2, H225 STOT SE 3; H336	25-50%

Butanone	REACH: 01-2119457558-25-XXXX CAS: 78-93-3 WE: 201-159-0 Index number: 606-002-00-3 REACH: 01-2119457290-43-XXXX	Eye irritation, cat.2; H319 Flammable liquids, cat. 2, H225 STOT SE 3; H336 EUH066	1-2%
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The preparation also contains a fragrance.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures.

Symptoms of poisoning may occur even after exposure, therefore in case of doubt, direct exposure to the chemical or prolonged malaise, consult a physician and show him/her the Safety Data Sheet of the product.

In case of skin contact, remove contaminated clothing and footwear, clean the skin or wash the injured person with natural soap, rinse with plenty of cold water. If symptoms of irritation appear, call a physician.

If eye contact – remove contact lenses, rinse eyes with running water for at least 15 minutes. Consult an ophthalmologist.

If swallowed – Do not induce vomiting and in case of occurrence keep your head forward to prevent aspiration of stomach contents. Ensure calmness to the injured party. Rinse mouth and throat as the most likely contaminated by ingestion.

If inhaled: move the victim to fresh air, keep the person warm and calm. In case of shortness of breath – qualified medical staff should provide oxygen. If breathing stops, apply artificial respiration. If the victim is unconscious, place him/her in the “recovery position” and call a physician immediately. Keep airways open.

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

Acute and delayed effects of exposure are given in sections 2 and 11

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

No data available

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media.

Use powder extinguishers (ABC powder) or use physical foam or carbon dioxide (CO₂) extinguishers.

The use of running water as an extinguishing agent is not recommended.

5.2 Special risks arising from the substance or mixture.

Combustion or thermal decomposition produces reaction sub-products that can be highly toxic and, as a consequence, can pose a serious health risk.

5.3 Advice for firefighters.

Depending on the fire size, complete protective clothing and self-contained breathing equipment may be necessary. A minimum amount of emergency equipment and means of action (fire blankets, first aid kit) must be available in accordance with Directive 89/654/EC.

Additional provisions:

Comply with the Internal Emergency Plan and information leaflets describing the procedure in case of accidents and other emergencies. Dispose of all ignition sources. In the event of fire, cool vessels and tanks used to store products susceptible to ignition, explosion or Boiling Liquid Expanded Vapor Explosion (BLEVE) due to high temperatures. Do not allow products used to extinguish the fire to get into the water tank.

SECTION 6. ACCIDENTAL RELEASE MEASURE

6.1 Personal precautions, protective equipment and emergency procedures.

Isolate the places where the gas escapes, as long as this does not endanger persons who carry it out. Evacuate the place and remove people who do not have adequate personal protection (see section 8). In the first place, prevent the formation of flammable mixtures of air and vapors both by ventilation and the use of an inerting agent. Dispose of all ignition sources. Eliminate static electricity by providing grounding and interconnection of all conductive surfaces prone to static electricity.

6.2 Environmental precautions.

The product is not classified as hazardous. Prevent contamination of surface and ground water, watercourses, soil and sewage system.

6.3 Methods and material for containment and cleaning up.

It is recommended to:

Absorb spilled product with sand or a neutral absorbent and move it to a safe place. Do not use sawdust or other flammable absorbents to absorb. See section 13 for any comments regarding product removal

6.4 Reference to other sections.

See section 8 for information on appropriate personal protective equipment.

Dispose of in accordance with the recommendations specified in section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling.

A – Precautions necessary for safe handling of the product

Comply with applicable law to prevent workplace from hazards. Keep containers tightly closed. Control leaks and waste by removing them with safe methods (section 6). Do not allow accidental leakage from containers. Maintain order and cleanliness when handling hazardous products.

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B - Technical recommendations for the prevention of fires and explosions.

Pour in well ventilated places, if possible by local extraction. Control ignition sources (cell phones, sparks) completely and ventilate the room during cleaning. Avoid the formation of hazardous atmospheres in containers, using inerting systems where possible. Pour slowly to prevent the formation of static electricity. If there is a risk of electrostatic charges: ensure complete equalization, always use earthing devices, do not wear workwear made of acrylic fibers, use cotton clothing and conductive footwear.

Avoid direct contact and spraying. Comply with basic safety requirements for devices and systems set out in Directive 94/9/EC (Regulation of the Minister of Economy of 22 December 2005, Dz.U. 2005 No. 263 item 2203) as well as the basic provisions on safety and health protection at work in accordance with the selection criteria of Directive 1999/92/EC (Regulation of the Minister of Economy of 8 July 2010, Dz.U. 2010 No. 138, item 931). Information on conditions and substances to avoid can be found in section 10.

C – Technical recommendations to prevent toxicological hazards.

Do not eat or drink while handling the product, wash your hands with a suitable cleaning agent afterwards.

D – Technical recommendations to prevent environmental risks

It is recommended to store absorbent material close to the product (see section 6.3)

7.2 Conditions for safe storage, including any incompatibilities.

A – Technical aspects of storage

Min Temp.: 5°C

Max. Temp.: 30°C

Max storage time: 12 months

B – General storage conditions.

Avoid sources of heat, radiation and electrostatics. Keep away from food. For more information, see section 10.5

7.3 Specific end use(s).

Apart from the mentioned, no specific recommendations for the use of this product are to be followed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters.

Name	NDS [mg/m ³]	NDS Ch[mg/m ³]
Ethanol	1900	-----
Isopropanol	900	1200
Butanone	450	900

DNEL (Employees):

Identification		Short exposure		Long exposure	
		Systematic	Locally	Systematic	Locally
Ethanol CAS: 64-17-5 WE: 200-578-6	Swallowed	No data	No data	No data	No data
	Skin	No data	No data	343 mg/kg	No data
	Inhaled	No data	1900 mg/m ³	950 mg/m ³	No data
Propan-2-ol CAS: 67-63-0 WE: 200-661-7	Swallowed	No data	No data	No data	No data
	Skin	No data	No data	888 mg/kg	No data
	Inhaled	No data	No data	500 mg/m ³	No data
Butanone CAS: 78-93-3 WE: 201-159-0	Swallowed	No data	No data	No data	No data
	Skin	No data	No data	1,161 mg/kg	No data
	Inhaled	No data	No data	600 mg/m ³	No data

DNEL (Population):

Identification		Short exposure		Long exposure	
		Systematic	Locally	Systematic	Locally
Ethanol CAS: 64-17-5 WE: 200-578-6	Swallowed	No data	No data	87 mg/kg	No data
	Skin	No data	No data	206 mg/kg	No data
	Inhaled	No data	950 mg/m ³	114 mg/m ³	No data

Propan-2-ol	Swallowed	No data	No data	26 mg/kg	No data
CAS: 67-63-0	Skin	No data	No data	319 mg/kg	No data
WE: 200-661-7	Inhaled	No data	No data	89 mg/m ³	No data
Butanone	Swallowed	No data	No data	31 mg/kg	No data
CAS: 78-93-3	Skin	No data	No data	412 mg/kg	No data
WE: 201-159-0	Inhaled	No data	No data	106 mg/m ³	No data

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PNEC:

Identification				
Ethanol CAS: 64-17-5 WE: 200-578-6	Sewage treatment plant	580 mg/L	Fresh water	0.96 mg/L
	Soil	No data	Sea waters	0.79 mg/L
	Sporadic	2.75 mg/L	Sediment (fresh water)	3.6 mg/kg
	Swallowed	720 g/kg	Sediment (sea water)	No data
Propan-2-ol CAS: 67-63-0 WE: 200-661-7	Sewage treatment plant	2,251mg/L	Fresh water	140.9 mg/L
	Soil	28 mg/kg	Sea waters	140.9 mg/L
	Sporadic	140.9 mg/L	Sediment (fresh water)	552 mg/kg
	Swallowed	160 g/kg	Sediment (sea water)	552 mg/kg
Butanone CAS: 78-93-3 WE: 201-159-0	Sewage treatment plant	709 mg/L	Fresh water	55.8 mg/L
	Soil	22.5 mg/kg	Sea waters	55.8 mg/L
	Sporadic	55.8 mg/L	Sediment (fresh water)	284.74 mg/kg
	Swallowed	1,000 g/kg	Sediment (sea water)	284.7 mg/kg

8.2 Exposure control.

A – General health and safety measures at the workplace

CE marked protective clothing is recommended as a precautionary measure. For more information on protective clothing (storage, use, cleaning, maintenance, protection class ...), please refer to the information brochure provided by the protective clothing manufacturer. The indications for the diluted product may vary depending on the level of dilution, application, method of application, etc. When setting the obligation to install emergency showers and/or eye wash devices in warehouses, provisions regarding the storage of chemical products will be taken into account. See section 7.1 and 7.2 for more information.

All information contained therein – due to the lack of information about the protective equipment owned by the company – should be treated as a recommendation to prevent any hazards when working with the product

B – Respiratory protection.

Protective clothing is required in the case of vapours or exceeding maximum permissible concentrations.

C – Special hand protection,

Protective gloves

D - Eye/face protection

Protective glasses

E – Body protection

Work clothes, non-slip footwear

F – Additional emergency protection measures

Emergency shower, eye wash device

Environmental exposure control:

Under Community environmental law, it is recommended that the product and its packaging be kept away from the environment. For more information, see section 7.1

Volatile organic compounds:

In accordance with the requirements of Dz.U. of 2014, No. 0, item 1546, this product has the following properties:

VOC content: 99.99% weight

VOC density at 20°C: 790.42 kg/m³ (790.42 g/L)

Average number of carbons: 2.33

Average molecular weight: 50.7 g/mol

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: form – liquid

Odour – weak, characteristic for a mixture of alcohols and added fragrance.

PH – no data

Temperatures:

boiling point – no data

melting point – no data

ignition – approx. 12 °C
self-ignition – 399 °C
Flammability – highly flammable.
Explosive properties – no data available.
Oxidizing properties – no data available.
Relative density – approx. 0.79 g/cm³
Solubility:
water – no limits
ethyl alcohol – no limits

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Partition coefficient n-octanol/water – unknown

9.2 Other information

Minimal ignition energy: [mJ]

Electrical conductivity: [pS/m]

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity.

The product does not react in storage conditions. See 7

10.2 Chemical stability.

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions.

They do not occur if the product is stored as recommended

10.4 Conditions to avoid

high temperature, sources of fire and ignition, use and store at room temperature.

10.5 Incompatible materials.

Oxidizing agents, strong bases, strong acids.

10.6 Hazardous decomposition products

Depending on the decomposition conditions, a result may be complex mixtures of chemical substances: carbon dioxide, carbon monoxide and other organic compounds. For more information see section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

There is no data supported by experience regarding product toxicological properties.

Health hazard:

In case of repeated, prolonged exposure or exceeding concentrations established as occupational exposure limits, health side effects may occur depending on the route of exposure:

A – Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, but the product contains substances classified as hazardous if swallowed. For more information see section 3.
- Corrosive/irritating: Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. For more information see section 3.

B – Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, but the product contains substances classified as hazardous if inhaled. For more information see section 3.
- Corrosive/irritating: Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. For more information see section 3.

C – Skin and eye contact (acute effect):

- Eye Contact: Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous for contact with skin. For more information see section 3.
- Eye Contact: Contact with eyes causes damage.

D – CMR effects (carcinogenicity, mutagenicity and harmful to reproduction):

- Carcinogenicity - Classification criteria have not been met based on the available data. The product does not contain substances classified as dangerous resulting in the above-mentioned effects. For more information see section 3.
- May cause genetic defects: Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. For more information see section 3.
- May impair reproduction: Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. For more information see section 3.

E – Sensitization:

- Respiratory system: Based on available data, the classification criteria are not met. The product does not contain substances classified as dangerous resulting in sensitization. For more information see section 3.
- Skin - Classification criteria have not been met based on the available data. The product does not contain substances classified as hazardous. For more information see section 3.

F – Specific target organ toxicity (STOT) exposure time:

Exposure to high doses can adversely affect the nervous system causing headache, nausea, dizziness, vomiting, lack of mental clarity and in severe cases lead to unconsciousness.

G – Specific target organ toxicity (STOT), repeated exposure:

- Specific target organ toxicity (STOT), repeated exposure: Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. For more information see section 3.

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- Skin - Remove contaminated clothing and footwear, clean the skin or wash the injured person with natural soap, rinse with plenty of cold water. In case of severe symptoms, see a physician. If the mixture caused burns or frostbite, do not remove the clothing from the victim, because when clothing is stuck to the skin, it may cause even greater injury. If blisters on the skin, do not puncture them as this may increase the risk of infection.

H – Aspiration hazard:

Based on available data, the classification criteria are not met. The product does not contain substances classified as hazardous. For more information see section 3.

Other information:

No data

Detailed toxicological information on substances:

Identification	Acute toxicity		Type
Ethanol CAS: 64-17-5 WE: 200-578-6	LD50 Oral	6,200 mg/kg	Rat
	LD50 Dermal	20,000 mg/kg	Rabbit
	LD50 Inhalation	124.7 mg/L (4h)	Rat
Propan-2-ol CAS: 67-63-0 WE: 200-661-7	LD50 Oral	5,280 mg/kg	Rat
	LD50 Dermal	12,800 mg/kg	Rat
	LD50 Inhalation	72.6 mg/L (4h)	Rat
Butanone CAS: 78-93-3 WE: 201-159-0	LD50 Oral	4,000 mg/kg	Rat
	LD50 Dermal	6,400 mg/kg	Rabbit
	LD50 Inhalation	23.5 mg/L (4h)	Rat

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity.

Identification	Acute toxicity		Type	Type
Ethanol CAS: 64-17-5 WE: 200-578-6	LC50	11,000 mg/L (96h)	Alburnus alburnus	Fish
	EC50	9,268 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	1,450 mg/L (192 h)	Mycrocystics aeruginosa	Seaweed
Propan-2-ol CAS: 67-63-0 WE: 200-661-7	LC50	9,640 mg/L (96 h)	Pimephales promelas	Fish
	EC50	13,299 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	1,000 mg/L (72 h)	Scenedesmus subspicatus	Seaweed
Butanone CAS: 78-93-3 WE: 201-159-0	LC50	3,220 mg/L (96 h)	Pimephales promelas	Fish
	EC50	5,091 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	4,300 mg/L (168 h)	Scenedesmus quadricauda	Seaweed

12.2 Persistence and degradability.

Identification	Degradability		Biodegradability	
Ethanol CAS: 64-17-5 WE: 200-578-6	BZT5	No data	Concentration	100 mg/L
	ChZT	No data	Period	14 days
	BZT5/ChZT	0.57	% biodegradable	89 %
Propan-2-ol CAS: 67-63-0 WE: 200-661-7	BZT5	1.19 g 02/g	Concentration	100 mg/L
	ChZT	2.23 g 02/g	Period	14 days
	BZT5/ChZT	0.53	% biodegradable	86 %

Butanone	BZT5	2.03 g 02/g	Concentration	No data
CAS: 78-93-3	ChZT	2.31 g 02/g	Period	20 days
WE: 201-159-0	BZT5/ChZT	0.88	% biodegradable	89 %

12.3 Bioaccumulative potential.

Identification	Bioaccumulative potential	
Ethanol	BFC	3
CAS: 64-17-5	Log POW	-0.31
WE: 200-578-6	Potential	Low
Propan-2-ol	BFC	3
CAS: 67-63-0	Log POW	0.05
WE: 200-661-7	Potential	Low
Butanone	BFC	3
CAS: 78-93-3	Log POW	0.29
WE: 201-159-0	Potential	Low

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12.4 Mobility in soil.

Identification	Absorption/desorption		Variability	
Ethanol	Koc	1	Henry's law constant	4.61E-1 Pa·m ³ /mol
CAS: 64-17-5	Conclusions	Very high	Dry soil	Yes
WE: 200-578-6	Surface tension	2.339E-2 N/m(25°C)	Wet soil	Yes
Propan-2-ol	Koc	1.5	Henry's law constant	8.207E-1 Pa·m ³ /mol
CAS: 67-63-0	Conclusions	Very high	Dry soil	Yes
WE: 200-661-7	Surface tension	2.24E-2 N/m(25°C)	Wet soil	Yes
Butanone	Koc	30	Henry's law constant	5.77 Pa·m ³ /mol
CAS: 78-93-3	Conclusions	Very high	Dry soil	Yes
WE: 201-159-0	Surface tension	2.396E-2 N/m(25°C)	Wet soil	Yes

12.5 Results of PBT and vPvB assessment.

The product is not classified as PBT and vPvB

12.6 Other adverse effects.

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.

Waste code: 20 01 29 Detergents containing hazardous substances

Type of waste (Commission Regulation (EU) No. 1357/2014):

HP3 Flammable, HP4 Irritant — skin irritation and eye damage, HP5 Specific target organ toxicity (STOT) and aspiration hazard

Waste administration (disposal and assessment):

To be handed over to a specialized utilization company authorized to assess and dispose of waste in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC of the European Parliament and of the Council) and Dz.U. of 2013 No. 0, item 21. According to code 15 01 10* (2014/955/EU), if the container is in direct contact with the product, it should be handled in the same way as with the product. Otherwise, it should be handled as non-hazardous waste. Its discharge into watercourses is discouraged. See 6.2.

Provisions regarding waste management:

Pursuant to Annex II of Regulation (EC) No. 1907/2006 (REACH), Community or national provisions related to waste administration were adopted.

Community law: Directive 2008/98/EC, 2014/955/EU, Commission Regulation (EU) No. 1357/2014 National regulations: Act of 14 December 2012 on waste (Dz.U. 2013, item 21) Act of 13 June 2013 on packaging and packaging waste management (Dz.U. 2013, item 888)

SECTION 14. TRANSPORT INFORMATION

Ground transport of dangerous goods:

According to ADR 2015 and RID 2015 requirements:

14.1 UN number: UN1993

14.2 UN Proper Shipping Name: Flammable liquid, N.O.S. (Ethanol)

14.3 Hazard class for transport: 3

Labels: 3

14.4 Packing group: II**14.5 Environmental hazards:** No**14.6 Special precautions for user**

Special precautions for users: 274, 601, 640D

Tunnel restriction code: D/E

Physical and chemical properties: see section 9

Limited quantity; 1 L

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No data**Transportation of dangerous goods by sea:**

According to IMDG 38-16 requirements

14.1 UN number: UN1993**14.2 UN Proper Shipping Name:** Flammable liquid, N.O.S. (Ethanol)**14.3 Hazard class for transport:** 3

Labels: 3

14.4 Packing group: II**14.5 Environmental hazards:** No

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Special precautions for users: 274 EmS code: F-E, S-E

Physical and chemical properties: see section 9

Limited quantity; 1 L

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No data**Transportation of dangerous goods by air:**

According to IATA/ICAO 2017 requirements:

14.1 UN number: UN1993**14.2 UN Proper Shipping Name:** FLAMMABLE LIQUID N.O.S. (Ethanol)**14.3 Hazard class for transport:** 3

Labels: 3

14.4 Packing group: II**14.5 Environmental hazards:** No**14.6 Special precautions for user**

Physical and chemical properties: see section 9

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No data**SECTION 15. REGULATORY INFORMATION****15.1 Polish legislation:**

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

Candidates for authorization in accordance with Regulation (EC) 1907/2006 (REACH): No data

Substances included in Annex XIV of REACH (“Authorisation List”) and expiry date: No data

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer: No data

Article 95, REGULATION (EU) NO. 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL: Propan-2-ol (Group 1, 2, 4)

REGULATION (EU) No. 649/2012 concerning the export and import of dangerous chemicals No data

Regulation (EC) No. 648/2004 on detergents, as amended:

According to this regulation, the product meets the following criteria:

Restrictions on the sale and use of certain hazardous substances and mixtures (Annex XVII, REACH):

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- “whoopee” cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs

Detailed provisions regarding human and environmental protection:

It is recommended to use the information gathered herein as preliminary data for estimating the local hazard in order to take the necessary steps to prevent the occurrence of risks associated with handling, use, storage and disposal of the product.

Other provisions:

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94, as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/WE, as amended.

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending the Regulation (EC) No. 1907/2006, as amended.

Act of 25 February 2011 on chemical substances and their mixtures (i.e. Dz.U. 2015 No. 0, item 1203)

Announcement of the Minister of Economy, Labor and Social Policy of 28 August 2003 on the publication of a consolidated text of the Regulation of the Minister of Labor and Social Policy on the general provisions of occupational health and safety (Dz.U. 2003 No. 169, item 1650, as amended)

Regulation of the Minister of Health of 2 February 2011 regarding tests and measurements of factors harmful to health in the work environment (Dz.U. of 2011, No. 33, item 166)

Act of 14 December 2012 on waste (Dz.U. 2013, item 21 as amended).

Act of 9 October 2015 on biocidal products (Dz.U. 2015 No. 0, item 1926)

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Commission Directive 2000/39/EC of 8 June 2000 establishing the first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EEC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Regulation of the Minister of Health of 11 June 2012 on the category of dangerous substances and dangerous mixtures, whose packaging is equipped with closures making it difficult for children to open and tactile warning of danger (i.e. Dz.U. 2014 No. 0 item 1604)

Regulation of the Minister of Economy of 21 December 2005 concerning basic requirements for personal protective equipment (Dz.U. of 2005, No. 259, item 2173).

Regulation of the Minister of Health of 24 July 2012 on chemical substances, their mixtures, factors or technological processes with carcinogenic or mutagenic effect in the work environment (Dz.U. of 2012, item 890, as amended)

Act of 19 August 2011 on the transport of dangerous goods (Dz.U. of 2011, No. 227, item 1367)

Government Declaration of 22 May 2013 on the entry into force of amendments to the Regulations for the International Carriage of Dangerous Goods by Rail (RID), constituting Annex C to the Convention on International Carriage by Rail (COTIF), drawn up at on 9 May 1980 in Bern. . (Dz.U. of 2013, item 840).

Regulation of the Minister of Economy of 10 October 2013 on the application of restrictions specified in Annex XVII to Regulation 1907/2006 (Dz.U. 2013, item 1314)

Act of 13 June 2013 on the management of packaging and packaging waste (Dz.U. 2013, item 888)

Announcement of the Minister of Economy of 14 April 2014 on the announcement of a consolidated text of the Regulation of the Minister of Economy on restrictions on the production, marketing or use of dangerous or hazardous substances and mixtures and the placing on the market or use of products containing such substances or mixtures (Dz.U. of 2014, No. 0, item 769)

Regulation (EU) No. 98/2013 of the European Parliament and of the Council of 15 January 2013 on the placing on the market and use of explosives precursors

Regulation of the Minister of Labor and Social Policy of 6 June 2014 on maximum permissible concentration and intensity of agents harmful to health in the work environment (Dz.U. of 2014 No. 0, item 817).

Regulation of the Minister of the Environment of 9 December 2014 on the waste catalogue (Dz.U. of 2014 No. 0, item 1923).

Government Declaration of 26 March 2015 on the entry into force of amendments to the Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up on 30 September 1957 in Geneva (Dz.U 2015, item 882)

Act of 15 May 2015 on substance that depletes the ozone layer on some fluorinated greenhouse gases (Dz.U. 2015, item 881)

Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to chemical agents at work (Dz.U. 2005, No. 11, item 86), as amended

Act of 29 July 2005 on counteracting drug addiction (Dz.U. 2012, No. 0, item 124, as amended)

Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

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 to adapt its Annexes III and VII 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)

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 adopt it with Regulation (EC) No. 1272/2008 on the classification, labeling and packaging of substances and mixtures (Official Journal of the EU L 354 of 31 December 2008)

15.2 Chemical safety assessment:

Chemical safety assessment has not been performed

SECTION 16. OTHER INFORMATION

Provisions regarding the Safety Data Sheet:

This Safety Data Sheet was created according to Amending Annex II – Guide for persons preparing Safety Data Sheets, to the Regulation (EC) No. 1907/2006 (Regulation (EC) No. 453/2010, Regulation (EU) No. 2015/830)

Changes to the previous safety data sheet affecting risk management: No data

Texts from the regulation mentioned in section 2:

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation.

Texts from the regulation mentioned in section 3:

The phrases provided are for information purposes only and do not refer to the product, but to the individual ingredients appearing in Chapter 3.

Regulation No. 1272/2008 (CLP):

Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 2: H225 - Highly flammable liquid and vapour STOT SE 3: H336 - May cause drowsiness or dizziness

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Advice on staff training:

It is recommended that personnel who come into contact with this product receive basic training in occupational safety to understand and interpret the safety data sheet and product label more easily.

Used abbreviations:

Sup. class: Supplier classification

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road (United Nations treaty)

IMDG: International Code of Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

ChZT: Chemical oxygen demand (COD)

BZT: Biochemical oxygen demand (BOD) within 5 days

BCF: bioconcentration factor

Log POW: log octanol/water partition coefficient

NDS: the highest acceptable concentration

NDSch: maximum permissible instantaneous concentration

EC50: effective concentration (concentration of the component at which 50% of the organisms have an effect within a specified time)

LD50: media lethal dose

LC50: media lethal concentration

EC50: media effective concentration

PBT: persistent, bioaccumulative and toxic

vPvB: very persistent, very bioaccumulative and/or Toxic

IWO: personal protection equipment

STP: sewage treatment plants

Henry: solubility of the component in solution depending on the partial pressure of this component over the solution

EC: EINECS and ELINCS number (also see EINECS and ELINCS)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemicals

CEN: European Committee for Standardization

STOT: specific target organ toxicity

Koc: the partition coefficient normalized to the content of organic carbon, determines the degree of absorption of organic substances in the soil

DNEL: derived no-effect exposure level

PNEC: predicted no-effect concentration

