

1. SECTION: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Product name: SOLL ONE STEP Sanding Polishing Paste (Art. No. SPP-250; SPP-1)

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

Prescribed use: polishing paste. For professional/industrial use only.

1.3 Details of the provider of the safety data sheet

Manufacturer/supplier:

UAB HELVINA

Parko str. 96, Ramučiai

LT-54464 Kauno distr., Lithuania

Tel: +370 37308901

Fax: +370 37308902

E-mail: info@helvina.lt

www.helvina.lt

1.4 Emergency telephone number:

Poison Control and Information Bureau. Tel: +370 5 236 2052 or +370 687 53378

2. SECTION: Hazards identification**

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 and subsequent amendments and additions

The product is not classified as dangerous according to Regulation 1272/2008 (CLP).

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Danger phrases:

Not applicable

Precautionary phrases:

Not applicable

Additional information:

EUH066: Repeated exposure may cause skin dryness or cracking.

EUH210: Safety Data Sheet available on request.

2.3 Other hazards:

The substances used do not meet the PBT/vPvB criteria

Does not contain endocrine disruptors.

*** Changes compared to previous version*

3. SECTION: Composition/information on ingredients**

3.1 Substances:

Not applicable

3.2 Mixtures:

Chemical description: mixture based on chemical products.

Ingredients:

1907/2006 Annex II (point 3), the Product contains:

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Identification	Chemical name and/or classification		Concentration
CAS: not applicable EC: 918-481-9 Index: not applicable REACH: 01-2119457273-39-XXXX	Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2 % compounds Class. aromatic[^]		10 - <25 %
	Regulation 1272/2008	Asp. Tox. 1: H304; EUH066 - Hazard <^>.	
CAS: 8042-47-5 EC: 232-455-8 Index: not applicable REACH: 01-2119487078-27-XXXX	White mineral oil, <=20.5 mm2/s (40 °C)<1) Class. Suitable for.		10 - <25 %
	Regulation 1272/2008	Asp. tox. 1: H304 - Hazard <^>.	

(i> the substance presents a risk to health or the environment and meets the criteria laid down in Commission Regulation (EU) No 2020/878.)

For more information on the hazards of the substance, see Sections 11, 12 and 16

** Changes compared to previous version

4. SECTION: First aid measures

4.1 Description of first aid measures:

Symptoms of poisoning may not appear until after exposure, so in case of doubt, in case of direct exposure to a chemical product or in case of prolonged sickness, contact your doctor and show him the safety data sheet.

Inhalation:

The product does not contain substances classified as hazardous by inhalation, but if symptoms of poisoning occur, remove the victim from the area of exposure and provide fresh air. If symptoms persist or worsen, seek medical attention.

In case of contact with skin:

Remove contaminated clothing and footwear, wipe the skin or wash the affected person with natural soap and rinse thoroughly with cold water. In case of serious illness, seek medical attention. If the mixture has caused burns or frostbite, do not remove the victim's clothing, as if the clothing is stuck to the skin, this may cause further injury. If blisters have appeared on the skin, do not puncture them as this may increase the risk of infection.

Through eye contact:

Wash your eyes copiously with room temperature water for 15 minutes. Do not allow the victim to rub or close the eyes. If the victim wears contact lenses, remove them if they are not stuck to the eye, otherwise you may injure yourself further. In all cases, after washing the victim, contact the doctor as soon as possible and show him the MSDS.

Ingestion/aspiration:

Do not induce vomiting, and if vomiting does occur, keep your head tilted forward to avoid aspiration of stomach contents. Keep the casualty calm. Rinse the mouth and throat as they are likely to have been contaminated by ingestion.

4.2 Most important symptoms and effects (acute and delayed):

Acute and delayed effects are presented in Sections 2 and 11.

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

Show the safety data sheet to your doctor.

The doctor decides what to do next after assessing the injured person's condition.

5. SECTION: Firefighting measures

5.1. Extinguishing media

Appropriate extinguishing media:

The product is non-flammable under normal handling, storage and use conditions. In case of ignition due to improper handling, storage or use, the use of powder extinguishers (ABC powder) in accordance with the Fire Prevention Regulation is preferable.

Unsuitable extinguishing materials:

Unreliable fire extinguishers: no specific fire extinguishers

5.2 Special hazards arising from the substance or mixture

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Combustion or thermal decomposition produces reaction by-products that can be highly toxic and pose serious health risks.

5.3 Advice for firefighters

Depending on the size of the fire, full protective clothing and self-contained breathing equipment may be required. A minimum stock of emergency equipment and supplies (fire blankets, manual first aid kit) must be available in accordance with Directive 89/654/EC.

Additional provisions:

Follow the internal emergency plan and information leaflets describing how to deal with accidents and other emergency situations. Dispose of all sources of ignition. In the event of fire, cool utensils and containers containing products that could ignite, explode or BLEVE due to high temperatures. Do not allow products used to extinguish the fire to enter the water container.

6. SECTION: Accidental release measures

6.1 Personal precautions, protective measures and emergency procedures

For non-emergency personnel:

Ensure the release of the product as long as the activity does not endanger the persons involved. In case of possible contact with spilled product, personal protective equipment must be used (see Chapter 8). Evacuate the scene and remove persons who do not have appropriate protective equipment.

For emergency responders:

Wear protective clothing. Move unprotected persons to a safe place. See section 8.

6.2 Environmental precautions

The product is not classified as hazardous. Do not contaminate ground and surface water, watercourses, soil, sewers.

6.3 Methods and material for containment and cleaning up

Recommended:

Absorb the spilled liquid with sand or neutral absorbent and move to a safe place. Do not use sawdust or other flammable absorbents. See Chapter 13 for full notes on product disposal.

6.4 Reference to other sections

See also points 8 and 13.

7. SECTION: Handling and storage

7.1. Precautions for safe handling

A. Precautions necessary for the safe use of the product.

Comply with current legislation on the prevention of manual handling hazards in the workplace. Keep clean, tidy and dispose of in a safe manner (Section 6).

B. Technical guidance on fire and explosion prevention.

Non-combustible product under normal conditions of handling, storage and use. It is advisable to pour the product slowly to avoid electrostatic charges that could adversely affect flammable products. For information on conditions and materials to be avoided, see Chapter 10.

C. Technical guidance to avoid toxicological risks.

Do not eat or drink when in contact with the product, and wash your hands with a suitable cleanser after work.

D. Technical guidance on how to avoid environmental risks.

It is recommended that the absorbent material is kept close to the product (see section 6.3).

7.2 Conditions for safe storage, including any incompatibilities

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A. Technical aspects of storage.

Min. temp.: 5 °C
Max. temp.: 30 °C

B. General storage conditions

General storage conditions.

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

7.3 Specific end use(s):

See section 1.2.

8. SECTION: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits for these substances should be controlled:

Identification	Limit values for environmental quality standards		
	NDS		
Aluminium oxide CAS: 1344-28-1 EC: 215-691-6	NDS		1,2 mg/m ³
	NDSch		
Glycerol CAS: 56-81-5 EC: 200-289-5	NDS		10 mg/m ³
	NDSch		
Isopentyl acetate CAS: 123-92-2 EC: 204-662-3	NDS		250 mg/m ³
	NDSch		500 mg/m ³
Ethyl acetate CAS: 141-78-6 EC: 205-500-4	NDS		734 mg/m ³
	NDSch		1468 mg/m ³

Aluminium trioxide calculated as Al - inhalation fraction: NDS = 2,5 mg/m³ // inhalation fraction: NDS = 1,2 mg/m³

DNEL (Employees):

Identification		Short-term effects		Long-term effects	
		Systematic	Local	Systematic	Local
White mineral oil, <=20.5mm ² /s (40°C) CAS: 8042-47-5 EC: 232-455-8	Orally	No data	No data	No data	No data
	Skins	No data	No data	217,05 mg/kg	No data
	Inhalation	No data	No data	164,56 mg/m ³	No data

DNEL (Population):

Identification		Short-term effects		Long-term effects	
		Systematic	Local	Systematic	Local
White mineral oil, <=20.5mm ² /s (40°C) CAS: 8042-47-5 EC: 232-455-8	Orally	No data	No data	25 mg/kg	No data
	Skins	No data	No data	93,02 mg/kg	No data
	Inhalation	No data	No data	34,78 mg/m ³	No data

PNEC:

Not applicable

8.2 Exposure controls

A. Personal protective equipment, e.g. personal protective equipment.

As a precautionary measure, it is recommended to use "CE-marked" protective clothing. Further information on protective clothing (storage, use, cleaning, maintenance, protection class...) can be obtained from the

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information booklet provided by the protective clothing manufacturer. The instructions given here apply to the pure product. For diluted products, the instructions may vary depending on the degree of dilution, application, method of use, etc. The obligation to provide emergency showers and/or eyewash facilities in warehouses shall take into account the rules on storage of chemical products. For more information, see sections 7.1 and 7.2.

All the information in this section - unless it contains information on the company's existing protective measures - should be considered as guidance on how to prevent hazards arising from handling the product.

B. Respiratory protection.


Respiratory protection will be needed in the event of fog or above the maximum concentration.

C. Special hand protection



Icons	Protective equipment	Labelling	Standards CEN	Comments
Mandatory hand protection	Reusable gloves to protect against chemicals	 CAT III	EN ISO 374-1:2016+A1:2018 EN 16523-1:2015+A1:2018 EN ISO 21420:2020	The breakthrough time specified by the manufacturer must be longer than the lifetime of the product. Do not use the protective cream after skin contact.

As the product is made up of different materials, the strength of the glove cannot be fully tested in advance and should be tested before use.

D. Eye and face protection.

Icons	Protective	Labelling	Standards CEN	Comments
Mandatory face protection	Face shield	 CAT II	EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect regularly according to the manufacturer's instructions.

E. Body protection.

Icons	Protective equipment	Labelling	Standards CEN	Comments
Mandatory body protection	Protective clothing against chemical hazards	 CAT III	EN 13034:2005+A1:2009 EN 168:2002 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN 464:1994	For professional use only. Clean regularly according to the manufacturer's instructions.
Mandatory leg protection	Protective footwear against chemical hazards	 CAT III	EN ISO 20345:2011 EN 13832-1:2019	Replace footwear if there are any signs of damage.

F. Additional protective measures in an emergency situation.

Emergency measures	Standards	Emergency	Standards
Emergency shower	ANSIZ358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eye wash device	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Controlling environmental impacts:

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

Volatile organic compounds:

According to the Official Journal of the European Union (OJ) No 2020, point 1860, this product has the following characteristics:

VOC (Content):	25 % by weight
VOC concentration 20 °C:	271,29 kg/m ³ (271,29 g/L)
Average number of carbons:	9,03
Average molecular weight:	130,4 g/mol **

9. SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

See the product data sheet for full details.

*No information on the hazards of the product.

Physical appearance:	
Aggregate state 20 °C:	Liquid
Appearance:	Paste
Colour:	Characteristics
Smell:	Characteristics
Limit of smell:	No data *
Fecundity:	No data *
Boiling point at atmospheric pressure:	169 °C
Vapour pressure 20 °C:	1929 Pa
Vapour pressure 50 °C:	10177.12 Pa (10.18 kPa)
Evaporation rate:	No data *
Product characteristics:	
Density 20 °C:	1085,2 kg/m ³
Relative density at 20 °C:	1,085
Dynamic viscosity 20 °C:	287,32 cP
Kinematic viscosity 20 °C:	264.77 mm ² /s ²
Kinematic viscosity 40 °C:	>20.5 mm ² /s ²
Concentration:	No data *
Concentration: pH:	7 - 8,5
Vapour density 20 °C:	No data *
Partition coefficient n-octanol/water 20 °C:	No data *
Solubility in water 20 °C:	No data *
Degree of solubility:	Completely mixed
Splitting temperature:	No data *
Melting point/freezing point:	No data *
Flammability:	
Flash point:	>100 °C (Does not support combustion)
Flammability (solid, gas):	No data *
Auto-ignition temperature:	No data *
Lower flammability limit:	No data *
Upper flammability limit:	No data *
Particle properties:	
Medium diameter equivalent:	No data *

9.2 Other information

Explosive properties:	No data *
Oxidising properties:	No data *
Eating metals:	No data *
Heat of combustion:	No data *

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Aerosols - the total percentage of flammable components (by weight):	No data *
Other safety features:	
Surface tension 20 °C:	No data *
Break-even point:	No data *
Total lead:	0 ppm

*No information on the hazards of the product

10. SECTION 10. Stability and reactivity

10.1. Reactivity

The product does not react under storage and storage conditions. See section 7.

10.2 Chemical stability

Chemically stable under storage and use conditions.

10.3 Possibility of hazardous reactions

None, provided the product is stored and handled as recommended.

10.4 Conditions to avoid

Use and store at room temperature.

Impact and friction	Contact with air	Heating	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials

Acids	Water	Oxidants	Flammable substances	Other
Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid strict principles

10.6 Hazardous decomposition products

For more details on decomposition products, see sections 10.3, 10.4 and 10.5. Depending on the conditions of decomposition, complex mixtures of chemicals can be released, such as carbon dioxide (CO₂), carbon monoxide and other organic compounds. See Chapter 5 for more information.

11. SECTION 11. Toxicological information**

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008.

There are no experimentally validated data on the toxicological properties of the product.

Health risks:

If exposure is repeated, prolonged or at concentrations above the occupational exposure limit values, adverse health effects may occur depending on the route of exposure:

A. Ingestion (acute effects):

Acute toxicity: based on the available data, the classification criteria are not met. The product does not contain substances classified as hazardous by ingestion. For more information see section 3.

Corrosive/irritant: based on the available data, the classification criteria are not fulfilled. The product does not contain substances classified as hazardous. For more information see section 3.

B. Inhalation (acute effects):

Acute toxicity: based on the available data, the classification criteria are not met. The product does not contain substances classified as hazardous by inhalation. For more information see section 3.

Corrosive/irritant: based on the available data, the classification criteria are not fulfilled. The product does not contain substances classified as hazardous. For more information see section 3.

C. Contact with skin and eyes (acute effects):

Skin contact: Based on the available data, the classification criteria are not met. The product does not contain any substances classified as hazardous by contact with skin. For more information see section 3.

Eye contact: Based on the available data, the classification criteria are not met. The product does not contain

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hazardous substances. For more information see section 3.

D. CMR effects (carcinogenicity, mutagenicity and reproductive toxicity):

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

IARC: White mineral oil, ≤ 20.5 mm²/s (40 °C) (3)

May cause genetic defects: Based on the 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 fertility: based on the available data, the classification criteria are not met. The product does not contain hazardous substances. For more information see section 3.

E. Sensitising effect:

Respiratory system: Based on the available data, the classification criteria are not met. The product does not contain substances classified as hazardous due to their sensitising effect. For further information see section 3.

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

F. Toxic effects on target organs (STOT) Time of exposure:

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

G. Target organ toxicity (STOT), repeated exposure:

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

Skin: Repeated exposure may cause dry or cracked skin.

H. Risk of aspiration:

On the basis of the data available, the classification criteria are not met, but the product contains substances classified as hazardous. For more information see.

Section 3.

Other information:

Not applicable

Detailed toxicological information on substances:

Identification	Acute toxicity		Type
Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2 % aromatic CAS: n.a. EC: 918-481-9	Oral LD50	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 by inhalation	>20 mg/L	
White mineral oil, $\leq 20,5$ mm ² /s (40 °C) CAS: 8042-47-5 EC: 232-455-8	LD50 by mouth	>5000 mg/kg	Rats
	LD50 dermal	>2000 mg/kg	
	LC50 by inhalation	>20 mg/L	

Calculated acute toxicity (ATE mixture):

ATE mix		Constituents of unknown toxicity
Orally	>2000 mg/kg (calculation method)	Not applicable
Skins	>2000 mg/kg (calculation method)	Not applicable
Inhalation route	>20 mg/l (4 h) (calculation method)	Not applicable

11.2 Information on other hazards

Endocrine-disrupting properties

Does not contain endocrine disruptors. Other information Not applicable

** Changes compared to previous version

12. SECTION 12. Ecological information

12.1 Toxicity:

Not identified

12.2 Persistence and degradability.

Not identified

12.3. Bioaccumulation potential.

Not identified

12.4. Mobility in soil.

Not identified

12.5 Results of PBT and vPvB assessment.

The materials used do not fail the PBT/vPvB criteria.

12.6. Endocrine disrupting properties.

Does not contain endocrine disruptors.

12.7 Other adverse effects.

Not applicable

13. SECTION: Disposal considerations

13.1 Waste treatment methods:

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

Not applicable

Waste management (disposal and assessment):

It should be transferred to a specialised disposal undertaking authorised to assess and dispose of waste in accordance with Annexes 1 and 2 (Directive 2008/98/EC of the European Parliament and of the Council) and OJ L 281, 30.12.2008, p. 1. 2022, entry 699. In accordance with code 15 01 (2014/955/EU), if the container is in direct contact with the product, treat it in the same way as the product. Otherwise it should be managed as non-hazardous waste. It is not recommended to dispose of it in water bodies. See subsection 6.2.

Provisions on waste management:

In accordance with Annex II of 1907/2006 (REACH), Community or national provisions have been adopted regarding waste management.

Community law: Directive 2008/98/EC, 2014/955/EU, Commission Regulation (EU) No 1357/2014 National law:

Act of 13 June 2013 on the management of packaging and packaging waste (i.e. OJ: 30 JUNE 2014, No 2020, item 1114, as amended).

Waste Act of 14 December 2012 (i.e. OJ 2022, item 699).

14. SECTION: Transport information

Other important information: ADR/RID: not applicable; IMDG: not applicable; IATA: not applicable

15. SECTION 15. Regulatory information

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

Candidate chemicals for authorisation under Regulation (EC) No 1907/2006 (REACH): Substances listed in Annex XIV of REACH (Authorisation List) and expiry date: 1005/2009 on ozone-depleting substances: Article 95 of Regulation (EU) No 528/2012 of the European Parliament and of the Council:

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not applicable Regulation (EU) No 649/2012 on the export and import of hazardous chemicals: not applicable Seveso III:

Not applicable

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

Not applicable

Specific provisions to protect people or the environment:

It is recommended that the information collected in this Safety Data Sheet be used as preliminary data for local risk assessment so that appropriate action can be taken to prevent risks associated with the handling, use, storage and disposal of this product.

Other legislation:

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93, Commission Regulation (EC) No 1488/94, Council Directive 76/769/EEC, and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, and 2000/21/EC 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 chemicals and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006, as amended.

25 February 2011 Act on Chemicals and Mixtures (i.e. Dz. 2020, point 2289).

14 December 2012 Waste Act (Journal of Laws, 2022, item 699).

9 October 2015 Biocidal Products Act (i.e. OJ 2021, p. 24).

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

7 February 2006 Commission Directive 2006/15/EC 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 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. Order of the Minister of Health of 11 June 2012 on the categories of dangerous substances and dangerous mixtures whose packaging must be equipped with child-resistant closing devices and tactile hazard warnings (i.e. Official Journal of the European Union, 2014, No. 0, item 1604) (considered repealed).

19 August 2011 Act on the Transport of Dangerous Goods (i.e. Journal of Laws 2021, No. 0, item 756, as amended). 22 May 2013. Government Statement on the entry into force of the amendments to the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), constituting Annex C to the Convention Concerning International Carriage by Rail (COTIF), concluded at Bern on 9 May 1980 (i.e. Journal of Laws of 2013, Item 840).

13 June 2013 Act on the Management of Packaging and Packaging Waste (i.e. OJ 2020, position 1114, as amended).

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the making available on the market and use of explosive precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013.

15 May 2015 Act on substances that deplete the ozone layer and certain fluorinated greenhouse gases (i.e. OJ 2020, point 2065).

29 July 2005 Act on the fight against drug addiction (i.e. OJ 2020 Position 2050 as amended).

15.2 Chemical safety assessment.

No chemical safety assessment ** Changes compared to previous version

16. SECTION 16. Other information**

Provisions on safety data sheets:

This Safety Data Sheet has been prepared in accordance with the Guidance for Preparers of Safety Data Sheets in ANNEX II to Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

Changes compared to the previous safety data sheet affecting risk management:

COMPOSITION AND/OR INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11):

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- Added substances

Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2 % aromatic

- Removed materials

Isopentyl acetate (123-92-2)

Naphtha (petroleum), heavy, hydrotreated, < 0,1 % EC 200-753-7 (64742-48-9)

Alkanes, C11-15-iso (90622-58-5)

Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346 (64742-55-8)

Regulation (EC) No 1272/2008 (CLP) (SECTION 2, SECTION 16):

- Icons
- Hazard phrase hazard type
- Precautionary statements
- Additional information

REGULATORY INFORMATION (SECTION 15):

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

The texts of the Regulation referred to in Section 3:

The phrases do not apply to the product itself, but are for information only and refer to the individual ingredients referred to in Section 3.

Regulation 1272/2008 (CLP):

Asp. tox. 1: H304 - May be fatal if swallowed and inhaled.

Classification process:

Calculation method

Advice on staff training:

It is recommended that workers who will come into contact with this product receive basic occupational safety training to facilitate the understanding and interpretation of the safety data sheet and the product label.

Key references: <http://echa.europa.eu> <http://eur-lex.europa.eu>

Abbreviations used in the text:

Class. Enough: classification of suppliers

ADR: International Convention on the Transport of Dangerous Goods and Dangerous Goods by Road

IMDG: International Dangerous Goods Code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: chemical oxygen demand (COD)

BOD: Biochemical oxygen demand (BOD_n) over 5 days

BCF: bioconcentration factor

Log POW: log octanol-water partition coefficient

NDS: maximum allowable concentration

NDSCh: Maximum Instantaneous Concentration

EC50: Effective concentration (concentration of a constituent at which 50 % of organisms are affected over time)

LD50: average lethal dose

LC50: mean lethal concentration

EC50: average effective concentration

PBT: bioaccumulative toxicity

vPvB: very high ability of toxic substances to bioaccumulate

IWO: personal protective equipment

STP: Sewage Treatment Plant

Henri: the solubility of a given component in solution related to the partial pressure of that component in solution EC: EINECS and ELINCS number (see also)

EINECS: European Inventory of Existing Substances of Commercial Significance

ELINCS: European List of Notified Chemicals

CEN: European Committee for Standardisation

STOT: target organ toxicity

Koc: partition coefficient normalised to organic carbon content, indicating the uptake of organic matter in the soil

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DNEL: Derived no-effect level
PNEC: Predicted no-effect concentration
BDO: waste database registration number
UFI: Unique Form Identifier
IARC: International Agency for Research on Cancer

**** Changes compared to previous version**

Product Safety Information Note prepared in accordance with Article 32 of Regulation (EC) No 1907/2006 (REACH). This document does not constitute a Safety Data Sheet within the meaning of Article 31 of Regulation (EC) No 1907/2006 as it is not required for this product. The information contained in this Safety Data Sheet is based on sources and technical knowledge, as well as applicable European and national legislation, and its accuracy cannot therefore be completely guaranteed. This information cannot be considered as a guarantee of the properties of the product as it is only a description of the safety requirements. The working methods and conditions of the users of this product are beyond our knowledge and control and it is the responsibility of the user to take appropriate measures to comply with the legal requirements relating to the handling, storage, use and disposal of chemical products. The information contained in this Safety Data Sheet relates only to the product in question, which may not be used for purposes other than those specified in this Safety Data Sheet.

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