

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

DIPEX Polishbort

Product no.

160923

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Cleaner

Uses advised against

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The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Gipeco AB, Box 3035

550 03 Jönköping

Telefon: 036-18 19 00

Contact person

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E-mail

info@gipeco.se

SDS date

2016-07-01

SDS Version

1.0

1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flam. Liq. 3; H226

Eye Irrit. 2; H319

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)**Signal word**

Warning

Hazard statement(s)

Flammable liquid and vapour. (H226)

Causes serious eye irritation. (H319)

Safety**General**

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

statement(s)Prevention
Response

Keep out of reach of children. (P102).

Wear eye protection. (P280).

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

Storage

Store in a well-ventilated place. Keep cool. (P403+P235).

Disposal

Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

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2.3. Other hazards

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Additional labelling

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Additional warnings

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VOC

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SECTION 3: Composition/information on ingredients**3.1/3.2. Substances/Mixtures**

NAME: 2-(2-butoxyethoxy)ethanol
 IDENTIFICATION NOS.: CAS-no: 112-34-5 EC-no: 203-961-6 REACH-no: 01-2119475104-44 Index-no: 603-096-00-8
 CONTENT: 25-40%
 CLP CLASSIFICATION: Eye Irrit. 2
 H319

NAME: 2-phenoxyethanol
 IDENTIFICATION NOS.: CAS-no: 122-99-6 EC-no: 204-589-7 REACH-no: 01-2119488943-21 Index-no: 603-098-00-9
 CONTENT: 5-10%
 CLP CLASSIFICATION: Acute Tox. 4, Eye Irrit. 2
 H302, H319

NAME: ethanol
 IDENTIFICATION NOS.: CAS-no: 64-17-5 EC-no: 200-578-6 Index-no: 603-002-00-5
 CONTENT: 5-10%
 CLP CLASSIFICATION: Flam. Liq. 2
 H225
 NOTE: S

NAME: 2,2'-methyliminodiethanol
 IDENTIFICATION NOS.: CAS-no: 105-59-9 EC-no: 203-312-7 REACH-no: 01-2119488970-24 Index-no: 603-079-00-5
 CONTENT: 5-10%
 CLP CLASSIFICATION: Eye Irrit. 2
 H319

NAME: propan-2-ol isopropyl alcohol isopropanol
 IDENTIFICATION NOS.: CAS-no: 67-63-0 EC-no: 200-661-7 Index-no: 603-117-00-0
 CONTENT: 1-3%
 CLP CLASSIFICATION: Flam. Liq. 2, STOT SE 3, Eye Irrit. 2
 H225, H319, H336
 NOTE: S

NAME: 3-butoxypropan-2-ol
 IDENTIFICATION NOS.: CAS-no: 5131-66-8 EC-no: 225-878-4 Index-no: 603-052-00-8
 CONTENT: 1-3%
 CLP CLASSIFICATION: Skin Irrit. 2, Eye Irrit. 2
 H315, H319

NAME: Isotridecanol ethoxilate
 IDENTIFICATION NOS.: CAS-no: 69011-36-5 EC-no: 500-241-6
 CONTENT: 1-3%
 CLP CLASSIFICATION: Eye Dam. 1, Aquatic Chronic 3
 H318, H412

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

S = Organic solvent

Other informations

ATEmix(oral) > 2000

N chronic (CAT 4) Sum = $\text{Sum}(\text{Ci}/\text{M}(\text{chronic}) \cdot 25 \cdot 0.1 \cdot 10^{\text{CAT}4}) = 0,0416 - 0,0624$

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

No special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

No special

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stores that have not ignited must be cooled by water mist. Where possible, remove flammable materials. Make sure there is sufficient ventilation.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid static electricity. Protect electrical equipment in accordance with current norms. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and ventilated area, away from possible sources of combustion.

Beware, this chemical can form peroxides. The content of peroxide must be controlled regularly after opening for example every 6th month.

Storage temperature

Protect from frost.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

propan-2-ol isopropyl alcohol isopropanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 400 ppm | 999 mg/m³

Short-term exposure limit (15-minute reference period): 500 ppm | 1250 mg/m³

ethanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 1000 ppm | 1920 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

2-(2-butoxyethoxy)ethanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 10 ppm | 67.5 mg/m³

Short-term exposure limit (15-minute reference period): 15 ppm | 101.2 mg/m³

DNEL / PNEC

8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

General recommendations

Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

Use suitable protective clothing, which is of EN-approved type 6 and Category III.

Hand protection

Recommended: Nitrile rubber. : NA

Eye protection

Use safety glasses with a side shield.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Yellow
Odour	Faint
pH	10
Viscosity	No data available.
Density (g/cm ³)	0,99

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.

Data on fire and explosion hazards

Flashpoint (°C)	45
Ignition (°C)	No data available.
Self ignition (°C)	No data available.
Explosion limits (Vol %)	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
pH Use solution	9,9 (10%)

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

Avoid static electricity. Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
Isotridecanol ethoxilate	Rat	LD50	Oral	>5000 mg/kg
propan-2-ol isopropyl alcoho...	Rabbit	LD50	Dermal	12 800 mg/kg
propan-2-ol isopropyl alcoho...	Rat	LD50	Oral	4 710 mg/kg
propan-2-ol isopropyl alcoho...	Rat	LC50	Inhalation	72,6 mg/l
2,2'-methyliminodiethanol	Rabbit	LD50	Dermal	>2000 mg/kg
2,2'-methyliminodiethanol	Rat	LD50	Oral	4680 mg/kg
ethanol	Rabbit	LD50	Dermal	>20 000 mg/kg
ethanol	Rat	LD50	Oral	7060 mg/kg
ethanol	Rat	LC50	Inhalation	124,7 mg/l
2-phenoxyethanol	Rat	LD50	Dermal	>2000 mg/kg
2-phenoxyethanol	Rat	LD50	Oral	>300-2000 mg/kg
2-phenoxyethanol	Rat	LC50	Inhalation	>1 mg/l; 14d

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

Data on substance: 2-phenoxyethanol

Reproductive toxicity

Data on substance: 2-phenoxyethanol

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

SECTION 12: Ecological information**12.1. Toxicity**

Substance	Species	Test	Duration	Result
Isotridecanol ethoxilate	Fish	LC50	96 h	1-10 mg/l
Isotridecanol ethoxilate	Daphnia	EC50	48 h	1-10 mg/l
propan-2-ol isopropyl alcoho...	Fish	LC50	96 h	4 200 mg/l
propan-2-ol isopropyl alcoho...	Daphnia	EC50	48 h	13 299 mg/l
2,2'-methyliminodiethanol	Fish	LC50	96 h	1466 mg/l
2,2'-methyliminodiethanol	Daphnia	EC50	48 h	233 mg/l
2,2'-methyliminodiethanol	Algae	NOEC	72 h	6,25 mg/l
2,2'-methyliminodiethanol	Algae	EC50	72 h	> 1000 mg/l
ethanol	Fish	LC50	96 h	13 500 mg/l
ethanol	Daphnia	EC50	48 h	5 400 mg/l
ethanol	Algae	IC50	72 h	>10,9 mg/l
2-phenoxyethanol	Fish	LC50	96 h	>100 mg/l
2-phenoxyethanol	Daphnia	EC50	48 h	>100 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data available.			

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

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Additional information
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Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002
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 (CLP).
EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H225 - Highly flammable liquid and vapour.
H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

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Other symbols mentioned in section 2

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Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

YT

**Date of last essential change
(First cipher in SDS version)**

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**Date of last minor change
(Last cipher in SDS version)**

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