

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

1.1. Product identifier

Product form : Mixture
Product name : Dipp 05
Product code : 1221710
Type of product : Detergent
Product group : Cleaning product.

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Innovis
Industrieweg 2
2630 Aartselaar
T +32 2 646 35 21, F +32 2 646 35 20
customerservice@innovis.be, www.dipp.be

1.4. Emergency telephone number

Country/Area	Organisation	Emergency number
Belgium	Centre Anti-Poisons/Antigifcentrum. c/o Hôpital Central de la Base - Reine Astrid. Rue Bruyn 1 B -1120 Brussels.	+32 70 245 245 Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Corrosive to metals Not classified
Serious eye damage/eye irritation, Category 2 H319
Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P264 - Wash hands, forearms thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-(2-butoxyethoxy)ethanol	CAS-No.: 112-34-5 EC-No.: 203-961-6 EC Index-No.: 603-096-00-8 REACH-no: 01-2119475104-44	≤ 4	Eye Irrit. 2, H319
Isotridecanoethoxylate	CAS-No.: 69011-36-5 REACH-no: Polymer	≤ 3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Amines, C12-14-alkyldimethyl, N-oxides	CAS-No.: 308062-28-4 EC-No.: 931-292-6 REACH-no: 01-2119490061-47	≤ 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Take to hospital.
First-aid measures after skin contact	: Take off contaminated clothing. Rinse skin with water/shower. If necessary seek medical advice.
First-aid measures after eye contact	: First prolonged rinsing with water (contact lenses to be removed if this is easily done), then take to a doctor.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice and attention.

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

Symptoms/effects after inhalation	: Headache.
Symptoms/effects after skin contact	: Irritation. Pain. Redness.
Symptoms/effects after eye contact	: Pungent. Pain. Redness. Blurred vision.
Symptoms/effects after ingestion	: Vomiting. abdominal cramps. Diarrhea. Headache. Drowsiness.

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

None.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Powder. Foam. CO2.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None.
Explosion hazard : None.

5.3. Advice for firefighters

Precautionary measures fire : No special precautions required.
Firefighting instructions : No specific firefighting instructions required.
Protection during firefighting : No specific measures are necessary.
Other information : None.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not touch spilled material. Avoid inhalation of vapours. Do not breathe fumes. Do not breathe dust. Always wash hands after handling the product.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb the product onto porous material.
Methods for cleaning up : Dilute with water.

6.4. Reference to other sections

See Headings 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle carefully. Avoid spillage.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed and in well ventilated place. Keep out of frost.
Packaging materials : Suitable packing materials: Plastic.

7.3. Specific end use(s)

Cleaning product.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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Belgium - Occupational Exposure Limits

OEL TWA

Here follows a summary list of the hazardous components mentioned in paragraph 3, of which the TLV value is known:
50 mg/m³ 2-(2-butoxyethoxy)ethanol

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

The level of protection and types of measures depend on workplace conditions. Adequate ventilation must be provided so that exposure limits are not exceeded. For more information, see section 7.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Impermeable clothing

Hand protection:

Nitrile rubber gloves (EN 374). Breakthrough time: > 480 Min. Layer thickness : 0,35mm

8.2.2.3. Respiratory protection

Respiratory protection:

No personal breathing protective equipment is normally required. Ensure adequate air ventilation. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Comply with relevant environmental regulations limiting discharges to air, water and soil. Protect the environment by applying proper control measures to prevent or reduce releases. For more information, see sections 6 and 13.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow.
Appearance	: Clear.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: 0 °C
Freezing point	: Not available
Boiling point	: 100 – 233 °C
Flammability	: Not applicable.
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Lower explosive limit (LEL)	: 0.85 Vol-%
Upper explosive limit (UEL)	: 24.6 Vol-%
Flash point	: /.
Auto-ignition temperature	: 200 °C
Decomposition temperature	: No data available.
pH	: 11.4 @ 20 °C
pH solution	: /.
Viscosity, kinematic	: 1 mm ² /s @ 20 °C
Viscosity, dynamic	: 1 mPa·s @ 20 °C
Solubility	: Completely soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 2332 Pa @ 20 °C
Vapour pressure at 50°C	: Not available
Density	: 1.001 kg/l @ 20 °C
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: 0.3
VOC content	: 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Extremely high or low temperatures.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

10.5. Incompatible materials

Oxidation agents. Acids. Bases. Reducing agents.

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10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-(2-butoxyethoxy)ethanol (112-34-5)

LD50 oral rat	3305 mg/kg
LD50 dermal rabbit	2764 mg/kg
LC50 Inhalation - Rat	≥ 50 mg/l/4h

Isotridecanoethoxylate (69011-36-5)

LD50 oral rat	500 mg/kg
LD50 dermal rabbit	≥ 5000 mg/kg
LC50 Inhalation - Rat	≥ 50 mg/l/4h

Amines, C12-14-alkyldimethyl, N-oxides (308062-28-4)

LD50 oral rat	1064 mg/kg
LC50 Inhalation - Rat	> 50 mg/l

Skin corrosion/irritation : Not classified
pH: 11.4 @ 20 °C
Serious eye damage/irritation : Causes serious eye irritation.
pH: 11.4 @ 20 °C
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

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Viscosity, kinematic	1 mm²/s @ 20 °C
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Isotridecanoethoxylate (69011-36-5)

Viscosity, kinematic	72.917 mm²/s
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.

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Hazardous to the aquatic environment, short-term : Not classified
(acute)

Hazardous to the aquatic environment, long-term : Not classified
(chronic)

2-(2-butoxyethoxy)ethanol (112-34-5)

LC50 - Fish [1]	1300 mg/l (96 hr, (Lepomis microlophus)
EC50 - Crustacea [1]	> 100 mg/l (Daphnia)
ErC50 algae	> 100 mg/l

Amines, C12-14-alkyldimethyl, N-oxides (308062-28-4)

EC50 - Crustacea [1]	1 – 10 mg/l (48H)
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12.2. Persistence and degradability

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Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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2-(2-butoxyethoxy)ethanol (112-34-5)

Persistence and degradability	Rapidly degradable
Biodegradation	100 % 28 days (OECD 302 B)

Isotridecanoethoxylate (69011-36-5)

Persistence and degradability	Rapidly degradable
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Amines, C12-14-alkyldimethyl, N-oxides (308062-28-4)

Persistence and degradability	Rapidly degradable
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No data available.
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12.4. Mobility in soil

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Ecology - soil	WGK 1. Completely soluble in water.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

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Other information	No data available
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: In case the undiluted product is discharged accidentally, neutralize to pH 7.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR

14.1. UN number or ID number

UN-No. (ADR)	: Not applicable
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14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: Not applicable
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14.4. Packing group

Packing group (ADR)	: Not applicable
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14.5. Environmental hazards

Other information	: No supplementary information available
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14.6. Special precautions for user

Overland transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

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Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

VOC Directive (2004/42)

VOC content : 0 %

Detergent Regulation (EC 648/2004)

Labelling of contents	
Component	%
phosphates	<5%

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
8.2		
11		
16		

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.