

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.10.2020

Version number 4

Revision: 06.10.2020

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

#### 1.1 Product Identifier:

Trade name: **E.33**

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

**Product category:** PC35 Washing and cleaning products (including solvent based products)

**Application of the substance / the mixture:** Professional use only

#### 1.3 Details of the supplier of the safety data sheet:

**Manufacturer / Importer / Supplier:**

i-team

Hoppenkuil 27B,  
5626 DD, Eindhoven  
Nederland

email: sds@i-teamglobal.com

www.i-teamglobal.com

**Further information obtainable from:** Product safety department.

#### 1.4 Emergency telephone number:

Only for DOCTORS / FIRE BRIGADE / POLICE:

NL-Phone: +31 53 4282860

(During office hours)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No 1272/2008:** The product is not classified, according to the CLP regulation.

#### 2.2 Label elements:

**Labelling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

#### 2.3 Other hazards:

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2

**Description:** Mixture of substances listed below, possibly with non-hazardous additions.

#### Components:

CAS: 506-89-8 EINECS: 208-059-8	Urea Hydrochloride ☠ Acute Tox. 3, H301; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-10%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	≤2.5%

#### Ingredients according to detergents regulation (EC nr. 648/2004):

non-ionic surfactants, anionic surfactants	<5%
PHENOXYETHANOL, LAURYLAMINE DIPROPYLENEDIAMINE	

**Additional information:** For the wording of the listed hazard phrases See section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

##### After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

##### After skin contact:

Take off contaminated clothing immediately and wash the skin with plenty of water (possibly showering).

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If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor. If possible, remove contact lenses.

**After ingestion:**

Rinse out mouth and then drink plenty of water. Induce vomiting only, if affected person is fully conscious.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media:**

**Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions. All extinguishing media are possible.

**5.2 Special hazards arising from the substance or mixture:** Carbon monoxide can arise from incomplete combustion.

**5.3 Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Cool endangered tanks with water spray.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course. Remainder dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections:**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace. Do not eat, drink or smoke while working. In the immediate vicinity of any potential exposure source, eye wash stations and emergency showers should be available.

**Information about fire and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities:**

**Storage:**

**Requirements to be met by storerooms and tanks:** Store only in the original receptacle.

**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:**

Protect from frost. Store receptacle in fume cupboard.

**7.3 Specific end use(s):** No further relevant information available.

## \* SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see section 7.

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**8.1 Control parameters:**

**Ingredients with limit values that require monitoring at the workplace:**

**34590-94-8 Dipropylene glycol monomethyl ether**

WEL (Great Britain)	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm Sk
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IOELV (EU)	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm Skin
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**DNELs**

**34590-94-8 Dipropylene glycol monomethyl ether**

Oral	Long-term - systemic effects	1.67 mg/kg bw/day (Consumer)
Dermal	Long-term - systemic effects	15 mg/kg bw/day (Consumer) 65 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects	37.2 mg/m <sup>3</sup> (Consumer) 310 mg/m <sup>3</sup> (Worker)

**PNECs**

**34590-94-8 Dipropylene glycol monomethyl ether**

Fresh water	19 mg/l
Marine water	1.9 mg/l
Intermittent releases	190 mg/l
Fresh water sediment	70.2 mg/kg
Marine sediment	7.02 mg/kg
Soil	2.74 mg/kg
Sewage treatment	4,168 mg/l

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.

**Respiratory protection:** Not necessary if room is well-ventilated.

**Protection of hands:** Only use chemical-protective gloves with CE-labelling of category III.

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Gloves Neo-Nitrile™ 300 – AQL or 0.65 (level 3). Thickness-0.35 mm.

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Goggles recommended during refilling



Tightly sealed goggles

**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties:**

**General Information:**

**Appearance:**

**Form:** Liquid.

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<b>Colour:</b>	Pink
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Change in condition</b>	
<b>Melting point/freezing point:</b>	Not determined.
<b>Initial boiling point and boiling range:</b>	100 °C
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	23 hPa
<b>Density at 20 °C:</b>	1.02 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in / Miscibility with:</b>	
<b>Water:</b>	Fully miscible.
<b>Refraction Index:</b>	1.347
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>9.2 Other information:</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

**10.1 Reactivity:** Stable under recommended conditions.

**10.2 Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** Violent reactions with strong alkalis and oxidising agents.

**10.4 Conditions to avoid:** No further relevant information available.

**10.5 Incompatible materials:** Strong bases

### SECTION 11: Toxicological information

**11.1 Information on toxicological effects:**

**Acute toxicity:** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

**ATE (Acute Toxicity Estimates)**

Oral	LD50	31,202 mg/kg
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**506-89-8 Urea Hydrochloride**

Oral	LD50	1,121 mg/kg (Rat)
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**34590-94-8 Dipropylene glycol monomethyl ether**

Oral	LD50	5,135 mg/kg (Rat)
Dermal	LD50	>19,000 mg/kg (Rabbit)

**Primary irritant effect:**

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenic, mutagenic and reprotoxic):**

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reprotoxicity:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1 Toxicity:**

**Aquatic toxicity:**

**34590-94-8 Dipropylene glycol monomethyl ether**

NOEC / 21d ≥0.5 mg/l (Daphnia Magna)

**12.2 Persistence and degradability:** Biodegradable

**12.3 Bioaccumulative potential:**

Bioaccumulation is not expected.

**34590-94-8 Dipropylene glycol monomethyl ether**

Log Pow/Cow 0.004

**12.4 Mobility in soil:** No further relevant information available.

**Additional ecological information:**

**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

**12.5 Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods:**

**Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Contaminated packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**SECTION 14: Transport information**

**14.1 UN-Number:**

ADR/RID/ADN, IMDG, IATA Void

**14.2 UN proper shipping name:**

ADR/RID/ADN, IMDG, IATA Void

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**14.3 Transport hazard class(es):**

**ADR/RID/ADN, IMDG, IATA**

**Class:** Void

**14.4 Packing group:**

**ADR/RID/ADN, IMDG, IATA** Void

**14.5 Environmental hazards:**

**Marine pollutant:** No

**14.6 Special precautions for user:**

Not applicable.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:**

Not applicable.

**UN "Model Regulation":**

Void

**SECTION 15: Regulatory information**

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

**Directive 2012/18/EU:**

**Named dangerous substances - ANNEX I:** None of the ingredients are listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**National regulations:**

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

**Relevant phrases:**

H301 Toxic if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**Training hints:** Take care of good information, instruction and training for users.

**Department issuing SDS:** Environment protection department.

**Abbreviations and acronyms:**

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

Acute Tox. 3: Acute toxicity - oral – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**References:**

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)  
See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

**Revisions were made in sections marked with \*.**

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