

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 10.10.2020

Version number 4

Revision: 10.10.2020

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

**1.1 Product Identifier:**

**Trade name: E.52**

**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 ANZ  
Level 6/10 Herb Elliott Avenue  
Sydney Olympic Park  
NSW 2127  
email: hello@i-teamanz.com

**1.4 Emergency telephone number:**

Only for DOCTORS / FIRE BRIGADE / POLICE:

+61 1800 861 030

(During office hours)

Poisons Information Centre: 13 11 26

**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: 57-55-6	Propylene glycol	substance with a Community workplace exposure limit	2.5-10%
EINECS: 200-338-0			
Reg.nr.: 01-2119456809-23			

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

non-ionic surfactants	≥15 - <30%
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:**

**General information:**

No special measures required.

Take affected persons out of danger area and lay down.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**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:**

If possible, remove contact lenses.

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

**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.

**For safety reasons unsuitable extinguishing agents:** Water spray

**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:** Not required.

**6.2 Environmental precautions:** 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:** No special measures required.

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

**7.2 Conditions for safe storage, including any incompatibilities:** Storage must comply with the local regulations.

**Storage:**

**Requirements to be met by storerooms and tanks:** No special requirements.

**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.

**8.1 Control parameters:**

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

**57-55-6 Propylene glycol**

WEL (Great Britain)	Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm
	*total vapour and particulates **particulates

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

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**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:**

Not necessary if room is well-ventilated.

Not required.

**Protection of hands:**

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**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.

**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.

**For the permanent contact gloves made of the following materials are suitable:** PVA gloves

**For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Fluorocarbon rubber (Viton)

**Eye protection:** Goggles recommended during refilling

**Body protection:**

Protective work clothing

Anti-static clothing

**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:**

<b>Form:</b>	Liquid.
<b>Colour:</b>	Blue
<b>Odour:</b>	Odourless.
<b>Odour threshold:</b>	Not determined.

**pH-value at 20 °C:** 7.5 - 8

**Change in condition**

<b>Melting point/freezing point:</b>	Not determined.
<b>Initial boiling point and boiling range:</b>	100 °C

**Flash point:** Not applicable.

**Flammability (solid, gas):** Not applicable.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Product is not self-igniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapour pressure at 20 °C:** 23 hPa

<b>Density at 20 °C:</b>	1.05 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.

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**Solubility in / Miscibility with:**

**Water:** Fully miscible.  
**Refraction Index:** 1.378

**Partition coefficient: n-octanol/water:** Not determined.

**Viscosity:**

**Dynamic at 20 °C:** 50 mPas (Brookfield sp.S61-100rpm)  
**Kinematic:** Not determined.

**Solvent content:**

**Oxidizing properties:** Does not contain oxidizing properties.

**9.2 Other information:** 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:** No dangerous reactions known.

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

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### 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:**

**57-55-6 Propylene glycol**

Oral	LD50	20,000 mg/kg (Rat)
Dermal	LD50	20,800 mg/kg (rbt)

**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:**

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability:** Easily biodegradable

**12.3 Bioaccumulative potential:** Bioaccumulation is not expected.

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

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**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:** Smaller quantities can be disposed of with household waste.

**Contaminated packaging:**

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

**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

**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**

This information is based on our present knowledge. This shall not constitute a guarantee for any properties of the product and shall not establish a legally valid contractual relationship.

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**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)

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

**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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