

prosan xp mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 26-02-2007

Last revision date: 09-09-2025

Section 1: Chemical product and company information

Trade name: Prosan XP

Product details: Fragranced bathroom cleaner

Manufacturer: Industroclean (Pty) Ltd
Corner Picaroon & Raft Street
Laserpark
Honeydew
2040

Emergency telephone number: 27 11 801 4600

Recommended uses:

For routine cleaning of all sanitary ware. Can also be used as air freshener.

Restrictions: None.

Section 2: Hazards identification

Classification of the mixture: Category 5

Signal word: Warning

Hazard statements: H303 – May be harmful if swallowed
H313 – May be harmful in contact with skin
H333 – May be harmful if inhaled

Section 3: Composition / Information on ingredients

Description: Mixture

Hazardous components:

CAS No	Chemical name	% Conc
67-63-0	Iso propyl alcohol	<5%

VOC Content: 0%

Fluoro-compounds: 0%

prosan xp mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 26-02-2007

Last revision date: 09-09-2025

Section 4: First aid measures

Inhalation: P340: Remove to fresh air and keep at rest in a position comfortable for breathing. P304+340: Call a poison centre or doctor/physician if you feel unwell.

Skin contact: P350: Gently wash with plenty of water.

Eye contact: P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

Ingestion: P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

Section 5: Fire-fighting measures

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing agents: None

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

Environmental precautions: As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

Methods and material for containment and cleaning up: Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

Section 7: Handling and storage

Precautions for safe handling: Provide good room ventilation or local exhaust ventilation at the workplace.

Requirements to be met by storerooms and containers: Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

prosan xp mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 26-02-2007

Last revision date: 09-09-2025

Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace:

CAS No	Chemical name	% Conc	OEL 8 hour TWA
67-63-0	Iso propyl alcohol	<5%	400 ppm

P280: Wear nitrile rubber gloves/protective clothing and eye protection

P285: In case of inadequate ventilation, wear respiratory protection such as a dust mask FFP1



Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Dark red
Odour	Floral, fruity, musk
Melting / Freezing range	Not determined
Boiling point / Boiling range	> 100°C
Flash point	Not applicable
Self-inflammability	Not applicable
Danger of explosion	Not applicable
Density at 20°C	1.020 g/cm ³
Miscibility with water	Completely miscible
pH value concentrate at 20°C	4.5 ± 0.5

Section 10: Stability and reactivity

Chemical stability: No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

Reactions: No dangerous reactions known.

Incompatible materials: None

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 26-02-2007

Last revision date: 09-09-2025

Section 11: Toxicological information

Acute oral toxicity estimate: $<2000 \leq 5000$

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

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

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

Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative activity relationships for aquatic toxicity and log K_{ow} for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

Section 14: Transport information

- Not required for identification and classification of dangerous goods for transport by rail and road modes.

Section 15: Regulatory information

- OHS Act Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

prosan xp mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 26-02-2007

Last revision date: 09-09-2025

Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager

Probio mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 16-08-1998

Last revision date: 12-08-2022

Section 1: Chemical product and company information

Trade name: Probio MK

Product details: Bathroom cleaner & deodorizer

Manufacturer: Industroclean (Pty) Ltd
Corner Picaroon & Raft Street
Laserpark
Honeydew
2040

Emergency telephone number: 27 11 801 4600

Recommended uses:

For the removal of unpleasant odours in bathrooms, carpets, upholstery etc.

Restrictions: None.

Section 2: Hazards identification

Classification of the mixture: Category 5

Signal word: Warning

Hazard statements: H303 – May be harmful if swallowed
H313 – May be harmful in contact with skin
H333 – May be harmful if inhaled

Section 3: Composition / Information on ingredients

Description: Mixture

Hazardous components:

CAS No	Chemical name	% Conc
67-63-0	Iso propyl alcohol	<5%

Section 4: First aid measures

Inhalation: P340: Remove to fresh air and keep at rest in a position comfortable for breathing.
P304+340: Call a poison centre or doctor/physician if you feel unwell.

Probio mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 16-08-1998

Last revision date: 12-08-2022

Skin contact: P350: Gently wash with plenty of water.

Eye contact: P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

Ingestion: P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

Section 5: Fire-fighting measures

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing agents: None

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

Environmental precautions: As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

Methods and material for containment and cleaning up: Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

Section 7: Handling and storage

Precautions for safe handling: Provide good room ventilation or local exhaust ventilation at the workplace.

Requirements to be met by storerooms and containers: Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace:

CAS No	Chemical name	% Conc	OEL 8 hour TWA
67-63-0	Iso propyl alcohol	<5%	400 ppm

Probio mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 16-08-1998

Last revision date: 12-08-2022

P280: Wear nitrile rubber gloves/protective clothing and eye protection

P285: In case of inadequate ventilation, wear respiratory protection such as a dust mask FFP1



Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Light Blue
Odour	Characteristic
Melting / Freezing range	Not determined
Boiling point / Boiling range	> 100°C
Flash point	Not applicable
Self-inflammability	Not applicable
Danger of explosion	Not applicable
Density at 20°C	1.010 g/cm ³
Miscibility with water	Completely miscible
pH value concentrate at 20°C	6.5 ± 0.5

Section 10: Stability and reactivity

Chemical stability: No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

Reactions: No dangerous reactions known.

Incompatible materials: None

Section 11: Toxicological Information

Acute oral toxicity estimate: <2000 ≤ 5000

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

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

Probio mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 16-08-1998

Last revision date: 12-08-2022

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

Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative activity relationships for aquatic toxicity and log K_{ow} for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

Section 14: Transport information

- Not required for identification and classification of dangerous goods for transport by rail and road modes.

Section 15: Regulatory information

- Eco-choice Licence number: ECP20220623-0-0
- OHS Act Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager

Progen mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 20-07-2007

Last revision date: 09-09-2025

Section 1: Chemical product and company information

Trade name: Progen MK

Product details: Window & glass cleaner

Manufacturer: Industroclean (Pty) Ltd
Corner Picaroon & Raft Street
Laserpark
Honeydew
2040

Emergency telephone number: 27 11 801 4600

Recommended uses:

Fragranced all-purpose cleaner especially suited for the cleaning of windows, glass, mirrors and stainless steel.

Restrictions: None.

Section 2: Hazards identification

Classification of the mixture: Category 5

Signal word: Warning

Hazard symbol:



Hazard statements:

- H225 – Highly flammable liquid and vapour
- H303 – May be harmful if swallowed
- H313 – May be harmful in contact with skin
- H333 – May be harmful if inhaled

Section 3: Composition / Information on ingredients

Description: Mixture

Progen mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 20-07-2007

Last revision date: 09-09-2025

Hazardous components:

CAS No	Chemical name	% Conc
67-63-0	Iso propyl alcohol	>30%

VOC Content: 0%

Fluoro-compounds: 0%

Section 4: First aid measures

Inhalation: P340: Remove to fresh air and keep at rest in a position comfortable for breathing. P304+340: Call a poison centre or doctor/physician if you feel unwell.

Skin contact: P350: Gently wash with plenty of water.

Eye contact: P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

Ingestion: P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

Section 5: Fire-fighting measures

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing agents: None

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

Environmental precautions: As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

Methods and material for containment and cleaning up: Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 20-07-2007

Last revision date: 09-09-2025

Section 7: Handling and storage

Precautions for safe handling: Provide good room ventilation or local exhaust ventilation at the workplace.

Requirements to be met by storerooms and containers: Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace:

CAS No	Chemical name	% Conc	OEL 8-hour TWA
67-63-0	Iso propyl alcohol	<30%	400 ppm

P280: Wear nitrile rubber gloves/protective clothing and eye protection

P285: In case of inadequate ventilation, wear respiratory protection such as a dust mask FFP1



Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Purple
Odour	Lavender
Melting / Freezing range	Not determined
Boiling point / Boiling range	> 100°C
Flash point	> 35°C
Self-inflammability	Not applicable
Danger of explosion	Not applicable
Density at 20°C	0.950 g/cm ³
Miscibility with water	Completely miscible
pH value concentrate at 20°C	7.5 ± 0.5

Progen mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 20-07-2007

Last revision date: 09-09-2025

Section 10: Stability and reactivity

Chemical stability: No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

Reactions: No dangerous reactions known.

Incompatible materials: None

Section 11: Toxicological information

Acute oral toxicity estimate: $<2000 \leq 5000$

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

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

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

Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative activity relationships for aquatic toxicity and $\log K_{ow}$ for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

Section 14: Transport information

- Packaging group: III
- UN Number: 1993
- Proper shipping name: Flammable liquid, N.O.S
- Class of division: 3
- Tariff: 3402.50



Progen mk



SAFETY DATA SHEET

According to ISO 11014

Original prep date: 20-07-2007

Last revision date: 09-09-2025

Section 15: Regulatory information

- OHS Act Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager

According to ISO 11014

Original prep date: 09-05-2002

Last revision date: 12-08-2022

Section 1: Chemical product and company information

Trade name: Procal

Product details: Toilet bowl cleaner

Manufacturer: Industroclean (Pty) Ltd
Corner Picaroon & Raft Street
Laserpark
Honeydew
2040

Emergency telephone number: 27 11 801 4600

Recommended uses:

For deep cleaning of toilet bowls.

Restrictions: None.

Section 2: Hazards identification

Classification of the mixture: Category 5

Signal word: Warning

Hazard symbol:



Hazard statements:

H303 – May be harmful if swallowed

H313 – May be harmful in contact with skin

H333 – May be harmful if inhaled

Section 3: Composition / Information on ingredients

Description: Mixture

Hazardous components: None

According to ISO 11014

Original prep date: 09-05-2002

Last revision date: 12-08-2022

Section 4: First aid measures

Inhalation: P340: Remove to fresh air and keep at rest in a position comfortable for breathing. P304+340: Call a poison centre or doctor/physician if you feel unwell.

Skin contact: P350: Gently wash with plenty of water.

Eye contact: P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

Ingestion: P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

Section 5: Fire-fighting measures

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing agents: None

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

Environmental precautions: As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

Methods and material for containment and cleaning up: Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

Section 7: Handling and storage

Precautions for safe handling: Provide good room ventilation or local exhaust ventilation at the workplace.

Requirements to be met by storerooms and containers: Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 09-05-2002

Last revision date: 12-08-2022

Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace: None

P280: Wear nitrile rubber gloves/protective clothing and eye protection

P285: In case of inadequate ventilation, wear respiratory protection such as a dust mask FFP1



Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Red
Odour	Characteristic
Melting / Freezing range	Not determined
Boiling point / Boiling range	> 100°C
Flash point	Not applicable
Self-inflammability	Not applicable
Danger of explosion	Not applicable
Density at 20°C	1.060 g/cm ³
Miscibility with water	Completely miscible
pH value concentrate at 20°C	1.0 ± 0.5

Section 10: Stability and reactivity

Chemical stability: No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

Reactions: No dangerous reactions known.

Incompatible materials: None

Section 11: Toxicological information

Acute oral toxicity estimate: <2000 ≤ 5000

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

According to ISO 11014

Original prep date: 09-05-2002

Last revision date: 12-08-2022

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

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

Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative activity relationships for aquatic toxicity and log K_{ow} for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

Section 14: Transport information

- Packaging group: III
- UN Number: 1760
- Proper shipping name: Corrosive liquid, N.O.S
- Class of division: 8



Section 15: Regulatory information

- OHS Act Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and

procal

SAFETY DATA SHEET



According to ISO 11014

Original prep date: 09-05-2002

Last revision date: 12-08-2022

fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 03-04-1997

Last revision date: 12-08-2022

Section 1: Chemical product and company information

Trade name: Diner-bac

Product details: Disinfectant cleaner

Manufacturer: Industroclean (Pty) Ltd
Corner Picaroon & Raft Street
Laserpark
Honeydew
2040

Emergency telephone number: 27 11 801 4600

Recommended uses:

For cleaning and disinfection of equipment and surfaces in food preparation and production areas.

Restrictions: None.

Section 2: Hazards identification

Classification of the mixture: Category 5

Signal word: Warning

Hazard symbol:



Hazard statements:

H303 – May be harmful if swallowed

H313 – May be harmful in contact with skin

H333 – May be harmful if inhaled

Section 3: Composition / Information on ingredients

Description: Mixture

Hazardous components: None

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 03-04-1997

Last revision date: 12-08-2022

Section 4: First aid measures

Inhalation: P340: Remove to fresh air and keep at rest in a position comfortable for breathing. P304+340: Call a poison centre or doctor/physician if you feel unwell.

Skin contact: P350: Gently wash with plenty of water.

Eye contact: P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

Ingestion: P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

Section 5: Fire-fighting measures

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing agents: None

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

Environmental precautions: As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

Methods and material for containment and cleaning up: Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

Section 7: Handling and storage

Precautions for safe handling: Provide good room ventilation or local exhaust ventilation at the workplace.

Requirements to be met by storerooms and containers: Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 03-04-1997

Last revision date: 12-08-2022

Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace: None

P280: Wear nitrile rubber gloves/protective clothing and eye protection

P285: In case of inadequate ventilation, wear respiratory protection such as a dust mask
FFP1



Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Fluorescent yellow
Odour	Characteristic
Melting / Freezing range	Not determined
Boiling point / Boiling range	>100°C
Flash point	Not applicable
Self-inflammability	Not applicable
Danger of explosion	Not applicable
Density at 20°C	1.025 g/cm ³
Miscibility with water	Completely miscible
pH value concentrate a 20°C	12.5 ± 0.5
pH in dilution (2%)	10.5 ± 0.5
pH in dilution (0.5%)	9.5 ± 0.5

Section 10: Stability and reactivity

Chemical stability: No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 2 years.

Reactions: No dangerous reactions known.

Incompatible materials: None

SAFETY DATA SHEET

According to ISO 11014

Original prep date: 03-04-1997

Last revision date: 12-08-2022

Section 11: Toxicological information

Acute oral toxicity estimate: $<2000 \leq 5000$

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

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

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

Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative Activity Relationships for aquatic toxicity and $\log K_{ow}$ for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

Section 14: Transport information

- Packaging group: III
- UN Number: 1903
- Proper shipping name: Disinfectant, Liquid, Corrosive N.O.S
- Class of division: 8



Section 15: Regulatory information

- Disinfectant cleaner approved for bactericidal claims – NRCS Registration Number: NRCS/8054/212563/555
- OHS Act Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

According to ISO 11014

Original prep date: 03-04-1997

Last revision date: 12-08-2022

Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager

According to ISO 11014

Original prep date: 03-04-2007

Last revision date: 12-08-2022

Section 1: Chemical product and company information

Trade name:	Pro-inox
Product details:	Heavy duty cleaner
Manufacturer:	Industroclean (Pty) Ltd Corner Picaroon & Raft Street Laserpark Honeydew 2040
Emergency telephone number:	27 11 801 4600

Recommended uses:

For the removal of heavy duty soiling on floors and surfaces.

Restrictions: None.

Section 2: Hazards identification

Classification of the mixture:	Category 5
Signal word:	Warning
Hazard statements:	H303 – May be harmful if swallowed H313 – May be harmful in contact with skin H333 – May be harmful if inhaled

Section 3: Composition / Information on ingredients

Description: Mixture

Hazardous components: None

Section 4: First aid measures

Inhalation: P340: Remove to fresh air and keep at rest in a position comfortable for breathing.
P304+340: Call a poison centre or doctor/physician if you feel unwell.

Skin contact: P350: Gently wash with plenty of water.

According to ISO 11014

Original prep date: 03-04-2007

Last revision date: 12-08-2022

Eye contact: P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

Ingestion: P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

Section 5: Fire-fighting measures

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO₂, foam.

Unsuitable extinguishing agents: None

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

Environmental precautions: As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

Methods and material for containment and cleaning up: Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

Section 7: Handling and storage

Precautions for safe handling: Provide good room ventilation or local exhaust ventilation at the workplace.

Requirements to be met by storerooms and containers: Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

Section 8: Exposure controls and personal protection

Components with critical values that require monitoring in the workplace: None

According to ISO 11014

Original prep date: 03-04-2007

Last revision date: 12-08-2022

Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Cream
Odour	Characteristic
Melting / Freezing range	Not determined
Boiling point / Boiling range	> 100°C
Flash point	Not applicable
Self-inflammability	Not applicable
Danger of explosion	Not applicable
Density at 20°C	1.400 g/cm ³
Miscibility with water	Completely miscible
pH value concentrate at 20°C	9.5 ± 0.5

Section 10: Stability and reactivity

Chemical stability: No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

Reactions: No dangerous reactions known.

Incompatible materials: None

Section 11: Toxicological information

Acute oral toxicity estimate: <2000 ≤ 5000

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

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

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

Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative activity relationships for aquatic toxicity and log K_{ow} for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

According to ISO 11014

Original prep date: 03-04-2007

Last revision date: 12-08-2022

Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

Section 14: Transport information

- Not required for identification and classification of dangerous goods for transport by rail and road modes.

Section 15: Regulatory information

- OHS Act Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager