Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 4/20/2021 Version: 1.1

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

1.1. Product identifier

Product form : Mixture

NON-AMMONIATED CLEANER Trade name

03103 Product code

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

Use of the substance/mixture Cleaning/washing agents and additives Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Priory Polishes Unit 6, Deanfield Drive Link 59 Business Park BB7 1QJ Clitheroe - UK T T: 01200 425 443 info@priorypolishes.co.uk

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226 Skin corrosion/irritation, Category 1 H314 Serious eye damage/eye irritation, Category 1 H318 Specific target organ toxicity — Single exposure, Category 3, Narcosis H336 Specific target organ toxicity — Single exposure, Category 3, Respiratory H335

tract irritation

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP)





GHS05

GHS07

Signal word (CLP)

: Danger

Contains propan-2-ol; isopropyl alcohol; isopropanol; 2-aminoethanol; ethanolamine

Hazard statements (CLP) : H226 - Flammable liquid and vapour.

H314 - Causes severe skin burns and eye damage.

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Precautionary statements (CLP)

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

: P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective clothing, eye protection, face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P261 - Avoid breathing fume.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Immediately call a doctor.

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P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water/shower.. Immediately call a doctor.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-2-ol; isopropyl alcohol; isopropanol	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558- 25	≥ 30 - < 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
2-aminoethanol; ethanolamine	CAS-No.: 141-43-5 EC-No.: 205-483-3 EC Index-No.: 603-030-00-8 REACH-no: 2119486455-28- XXXX	≥ 10 - < 30	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1B, H314 Aquatic Chronic 3, H412
trisodium nitrilotriacetate	CAS-No.: 5064-31-3 EC-No.: 225-768-6 EC Index-No.: 607-620-00-6	≥ 0.5 – < 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Carc. 2, H351

Specific concentration limits: see section 16 Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

First-aid measures after inhalation

First-aid measures after skin contact

: Call a physician immediately.

: Remove person to fresh air and keep comfortable for breathing.

: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a

physician immediately.

First-aid measures after eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe

dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not

 $breathe\ dust/fume/gas/mist/vapours/spray.\ Wear\ personal\ protective\ equipment.$

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)		
United Kingdom - Occupational Exposure Limits		
Local name	Propan-2-ol	
WEL TWA (OEL TWA) [1]	999 mg/m³	
WEL TWA (OEL TWA) [2]	400 ppm	
WEL STEL (OEL STEL)	1250 mg/m³	
WEL STEL (OEL STEL) [ppm]	500 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
2-aminoethanol; ethanolamine (141-43-5)		
United Kingdom - Occupational Exposure Limits		
Local name	2-Aminoethanol	
WEL TWA (OEL TWA) [1]	2.5 mg/m³	
WEL TWA (OEL TWA) [2]	1 ppm	
WEL STEL (OEL STEL)	7.6 mg/m³	
WEL STEL (OEL STEL) [ppm]	3 ppm	
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

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:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):









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8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses, Safety goggles	Droplet	clear, Direct-ventilated, Plastic, With side shields	

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Skin and body protection	
Туре	Standard
Safety shoes	

Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)				

Other skin protection Materials for protective clothing		
Condition	Material	Standard
Good resistance:	Natural fibres	

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: LiquidAppearance: Liquid.Colour: Colourless.Odour: characteristic.Odour threshold: No data available

pH : ≈ 11.5

Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

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Flash point : $\approx 30 \, ^{\circ}\text{C}$

Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : No data available

Density : ≈ 0.95

Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

LD50 dermal rabbit

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) LD50 oral rat 4700 – 5800 mg/kg LD50 dermal rabbit 13000 mg/kg LC50 Inhalation - Rat [ppm] 10000 ppm/4h 2-aminoethanol; ethanolamine (141-43-5) LD50 oral rat 1089 mg/kg

2504 mg/kg

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Skin corrosion/irritation : Causes severe skin burns.

pH: ≈ 11.5

Serious eye damage/irritation : Causes serious eye damage.

pH: ≈ 11.5

Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness. May cause respiratory irritation.

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

: Not classified

Hazardous to the aquatic environment, short-term

(acute)

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

(chronic)

Not rapidly degradable

Not rapidly degradable	ot rapidity degradable		
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)			
LC50 - Fish [1]	9640 – 10400 mg/l		
EC50 - Crustacea [1]	7550 – 13299 mg/l		
IC50, algae	> 1000 (72 Hours)		
2-aminoethanol; ethanolamine (141-43-5)			
LC50 - Fish [1]	349 mg/l Cyprinus carpio		
LC50 - Fish [2]	170 mg/l Carassius auratus		
EC50 - Crustacea [1]	65 mg/l Daphina magna		

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

propan-2-ol; isopropyl alcohol; isopropanol (6	67-63-0)
Bioaccumulative potential	Does not bioaccumulate.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID	
14.1. UN number					
UN 2920	UN 2920	UN 2920	UN 2920	UN 2920	
14.2. UN proper shippin	g name				
CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS : propan-2-ol; isopropyl alcohol; isopropanol)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS : propan-2-ol; isopropyl alcohol; isopropanol)	Corrosive liquid, flammable, n.o.s. (CONTAINS : propan-2-ol; isopropyl alcohol; isopropanol)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS : propan-2-ol; isopropyl alcohol; isopropanol)	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS : propan-2-ol; isopropyl alcohol; isopropanol)	
Transport document descr	iption				
UN 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS: propan-2-ol; isopropyl alcohol; isopropanol), 8 (3), I, (D/E)	UN 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS: propan-2-ol; isopropyl alcohol; isopropanol), 8 (3),	UN 2920 Corrosive liquid, flammable, n.o.s. (CONTAINS : propan-2-ol; isopropyl alcohol; isopropanol), 8 (3), I	UN 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS: propan-2-ol; isopropyl alcohol; isopropanol), 8 (3),	UN 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. (CONTAINS: propan-2-ol; isopropyl alcohol; isopropanol), 8 (3),	
14.3. Transport hazard o	class(es)				
8 (3)	8 (3)	8 (3)	8 (3)	8 (3)	
8 3	8 3	8 3	8 3	8 3	
14.4. Packing group	14.4. Packing group				
I	I	I	I	I	
14.5. Environmental hazards					
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No	
No supplementary information	n available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : CF1 Special provisions (ADR) : 274 Limited quantities (ADR) : 0 Excepted quantities (ADR) : E0 : P001 Packing instructions (ADR) Mixed packing provisions (ADR) : MP8, MP17 Portable tank and bulk container instructions (ADR) : T14 Portable tank and bulk container special provisions : TP2, TP27

(ADR)

: L10BH Tank code (ADR) Vehicle for tank carriage : FL

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Transport category (ADR) : 1
Special provisions for carriage - Operation (ADR) : S2, S14
Hazard identification number (Kemler No.) : 883

Orange plates :

883 2920

Tunnel restriction code (ADR) : D/E
EAC code : •3W
APP code : A(fl)

Transport by sea

Special provisions (IMDG) : 274 Limited quantities (IMDG) : 0 Excepted quantities (IMDG) : E0 Packing instructions (IMDG) : P001 Tank instructions (IMDG) : T14 Tank special provisions (IMDG) : TP2, TP27 EmS-No. (Fire) : F-E EmS-No. (Spillage) : S-C Stowage category (IMDG) : C Stowage and handling (IMDG) : SW1, SW2

Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA) : E0 PCA Limited quantities (IATA) : Forbidden PCA limited quantity max net quantity (IATA) : Forbidden PCA packing instructions (IATA) : 850 PCA max net quantity (IATA) : 0.5L CAO packing instructions (IATA) : 854 CAO max net quantity (IATA) : 2.5L ERG code (IATA) : 8F

Inland waterway transport

Classification code (ADN) : CF1
Special provisions (ADN) : 274
Limited quantities (ADN) : 0
Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EP, EX, A

Ventilation (ADN) : VE01 Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : CF1 Special provisions (RID) : 274 Limited quantities (RID) : 0 Excepted quantities (RID) : E0 Packing instructions (RID) : P001 Mixed packing provisions (RID) : MP8, MP17 Portable tank and bulk container instructions (RID) : T14 Portable tank and bulk container special provisions : TP2, TP27

(RID)

Tank codes for RID tanks (RID) : L10BH
Special provisions for RID tanks (RID) : TU38, TE22
Transport extensiv (RID) : 1

Transport category (RID) : 1
Hazard identification number (RID) : 883

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

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

France

Occupational diseases			
Code	Description		
RG 49	Skin disorders caused	d by aliphatic, alicyclic amines or ethanolamines	
RG 49 BIS	Respiratory disorders	caused by aliphatic amines, ethanolamines or isophoronediamine	
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide		
Germany Employment restrictions		: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)	
Water hazard class (WGK) Hazardous Incident Ordinan List of sensitizing substance Netherlands	` ,	 WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1) Is not subject of the Hazardous Incident Ordinance (12. BImSchV) Contains sensitizing substances according TRGS 907 	
SZW-lijst van kankerverwekl SZW-lijst van mutagene stof NIET-limitatieve lijst van voo giftige stoffen – Borstvoeding NIET-limitatieve lijst van voo giftige stoffen – Vruchtbaarh NIET-limitatieve lijst van voo	ifen or de voortplanting g or de voortplanting eid or de voortplanting	 None of the components are listed 	
giftige stoffen – Ontwikkeling Denmark Classification remarks	J	: Emergency management guidelines for the storage of flammable liquids must be followed	

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Switzerland

: LK 3 - Flammable liquids Storage class (LK)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Full text of H- and EUH	Full text of H- and EUH-statements			
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4			
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4			
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4			
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3			
Carc. 2	Carcinogenicity, Category 2			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
Flam. Liq. 2	Flammable liquids, Category 2			
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B			
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis			
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation			
H225	Highly flammable liquid and vapour.			
H226	Flammable liquid and vapour.			
H302	Harmful if swallowed.			
H312	Harmful in contact with skin.			
H314	Causes severe skin burns and eye damage.			
H318	Causes serious eye damage.			
H319	Causes serious eye irritation.			
H332	Harmful if inhaled.			
H335	May cause respiratory irritation.			
H336	May cause drowsiness or dizziness.			
H351	Suspected of causing cancer.			
H412	Harmful to aquatic life with long lasting effects.			

Name	Product identifier	Specific concentration limits
2-aminoethanol; ethanolamine	CAS-No.: 141-43-5 EC-No.: 205-483-3 EC Index-No.: 603-030-00-8 REACH-no: 2119486455-28- XXXX	(5 ≤C ≤ 100) STOT SE 3, H335
trisodium nitrilotriacetate	CAS-No.: 5064-31-3 EC-No.: 225-768-6 EC Index-No.: 607-620-00-6	(5 ≤C ≤ 100) Carc. 2, H351

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.