

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation

PROPOWER GLASS CLEANER

of the mixture

Registration number

Synonyms None.

Product code UDS000144AE

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

Cleaners - Heavy duty Identified uses

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company name Premier Farnell plc. **Address** 150 Armley Road

> Leeds LS12 2QQ United Kingdom

Telephone +44 (0) 870 129 8608

Fax

E-mail Website

Company name Premier Farnell plc. **Address**

150 Armley Road Leeds LS12 2QQ

United Kingdom

Telephone +44 (0) 870 129 8608

Fax E-mail Website

Tel.: +44 (0) 8447 880088 (office hours: 9-17h GMT) 1.4. Emergency telephone no

Austria National Poisons

Information Centre

+431 406 4343 (Available 24 hours a day.)

Belgium National Poisons

Control Center

070 245 245 (Available 24 hours a day.)

Bulgaria National

Toxicological Information

Centre

Centre

+359 2 9154233 (Available 24 hours a day.)

Czech Republic National

Poisons Information

+420 224 919 293, or +420 224 915 402 (Hours of operation not provided.)

Denmark National Poisons

Control Center

+45 82 12 12 12 (Available 24 hours a day.)

Estonia National Poisons Information Centre

16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed

on Sundays and on national holidays))

Material name: PROPOWER GLASS CLEANER

SDS EU

Finland National Poison Information Center

(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day.)

France National Poisons Control Center ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day.)

Hungary National

Emergency Phone Number

36 80 20 11 99 (Available 24 hours a day.)

Lithuania Neatidėliotina informacija apsinuodijus

+370 5 236 20 52 or +37068753378 (Hours of operation not provided.)

Malta Accident and Emergency Department 2545 4030 (Hours of operation not provided.)

Netherlands National Poisons Information Center (NVIC) 030-274 88 88 (Only for the purpose of informing medical personnel in cases of

acute intoxications)

Norway Norwegian Poison Information Center

22 59 13 00 (Available 24 hours a day.)

Portugal Poison Centre

800 250 250 (Available 24 hours a day.)

Romania Număr de telefon care poate fi apelat în caz

021 5992300, int. 291 Spitalul Clinic de Urgență București:

spital@urgentafloreasca.ro

de urgență:

0265 212111, 0265 211292, 0265 217235 Spitalul Clinic Judetean de Urgentă

Târgu Mureș: secretariat@spitjudms.ro

Slovakia National

Toxicological Information

Centre

Romania

+421 2 5477 4166 (Available 24 hours a day.)

Sweden National Poison Information Center

112 - and ask for Poison Information (Available 24 hours a day.)

Switzerland Tox Info

145 (Available 24 hours a day.)

Suisse

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards

Aerosols Category 1 H222 - Extremely flammable

aerosol.

H229 - Pressurized container: May

burst if heated

Health hazards

exposure

Serious eye damage/eye irritation Category 2 H319 - Causes serious eye

irritation.

Specific target organ toxicity - single Ca

Category 3 narcotic effects

H336 - May cause drowsiness or

dizziness.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Propan-2-ol; Isopropyl alcohol; Isopropanol

Hazard pictograms



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurized container: May burst if heated.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Material name: PROPOWER GLASS CLEANER

Version #: 1,0 Revision date: 30-April 2024 Issue date: 10-November-2022

Precautionary statements

Prevention

Keep out of reach of children. P102

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P210

Do not spray on an open flame or other ignition source. P211

Do not pierce or burn, even after use. P251

Avoid breathing mist/vapours. P261

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

Not assigned. Response

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P410 + P412

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations. P501

According to Regulation (EC) No. 648/2004 on Detergents, as amended; Contains: Aliphatic Supplemental label information

hydrcarbons 5-15%. perfumes: Hexyl Cinnamal, Hydroxycitronellal

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or

Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name		%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Propan-2-ol; Isopropyl a Isopropanol	llcohol;	30 - 60	67-63-0 200-661-7	01-2119457558-25	603-117-00-0	
С	lassification: F	lam. Liq.	2;H225, Eye Irrit. 2;H	319, STOT SE 3;H336		
ammonia%		0 - 1	1336-21-6 215-647-6	01-2119982985-14	007-001-01-2	
С				l), Skin Corr. 1B;H314, Eye e 1;H400, Aquatic Chronic		В
Specific Concentr	ration Limits: S	STOT SE	3;H335: C >= 5 %			

List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

ATE: Acute toxicity estimate.

M: M-factor

PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16. Composition comments

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

4.1. Description of first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison

centre or doctor/physician if you feel unwell.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.

Ingestion

4.2. Most important symptoms and effects, both acute and

delayed

May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Extremely flammable aerosol.

Version #: 1,0 Revision date: 30-April 2024 Issue date: 10-November-2022

5.1. Extinguishing media

Suitable extinguishing

media

Alcohol resistant foam. Powder. Carbon dioxide (CO2).

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture Contents under pressure. Pressurised container may explode when exposed to heat or flame.

During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire fighting

procedures

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose

holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Keep unnecessary personnel away. Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. This product is miscible in water. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist/vapours. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

7.3. Specific end use(s) Not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBI. II, no. 184/2001

Components	Туре	Value	
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	MAK	500 mg/m3	
		200 ppm	
	STEL	2000 mg/m3	
		800 ppm	

Belgium. Exposure Limit Values Components	Туре	Value
ammonia% (CAS 1336-21-6)	STEL	36 mg/m3
,		50 ppm
	TWA	14 mg/m3
		20 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 57-63-0)	STEL	1000 mg/m3
,		400 ppm
	TWA	500 mg/m3
		200 ppm
Bulgaria. OELs. Regulation No 13 on Components	protection of workers agai Type	nst risks of exposure to chemical agents at work Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	1225 mg/m3
•	TWA	980 mg/m3
Croatia. Dangerous Substance Expos Components	ure Limit Values in the Wo	orkplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/ Value
ammonia% (CAS	MAC	14 mg/m3
1336-21-6)		· ·
		20 ppm
	STEL	36 mg/m3
		50 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	MAC	999 mg/m3
,		400 ppm
	STEL	1250 mg/m3
		500 ppm
Cyprus. OELs. Control of factory atmo	osphere and dangerous su Type	ubstances in factories regulation, PI 311/73, as amende Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	TWA	980 mg/m3
57-05-0)		400 ppm
Czech Republic. OELs. Government D	Jacree 361	••
Components	Туре	Value
ammonia% (CAS 1336-21-6)	Ceiling	36 mg/m3
	TWA	14 mg/m3
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	Ceiling	1000 mg/m3
	TWA	500 mg/m3
Denmark. Exposure Limit Values Components	Туре	Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	TLV	490 mg/m3
<i>5. 55 5</i> ,		200 ppm
		• •

Components	Туре	bstances (Regulation No. 105/2001, Annex), as amended Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	600 mg/m3
,		250 ppm
	TWA	350 mg/m3
		150 ppm
Finland. Workplace Exposure Lim	its	
Components	Туре	Value
ammonia% (CAS	STEL	36 mg/m3
1336-21-6)		50 ppm
	TWA	14 mg/m3
	IVVA	20 ppm
Propan-2-ol; Isopropyl	STEL	620 mg/m3
alcohol; Isopropanol (CAS 57-63-0)	SIEL	620 Hig/Hi3
		250 ppm
	TWA	500 mg/m3
		200 ppm
France. OELs. Occupational Expo Components	sure Limits as Prescribed by <i>I</i> Type	Art. R.4412-149 of Labor Code, as amended Value
ammonia% (CAS	VLE	14 mg/m3
1336-21-6)		20 nom
	\/\\	20 ppm
	VME	7 mg/m3
	LED) (c. O	10 ppm
France. I freshold Limit Values (V Components	Type	ure to Chemicals in France, INRS ED 984 Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 57-63-0)	VLE	980 mg/m3
Regulatory status: Indicative	e limit (VL)	400 ppm
Regulatory status: Indicative		400 ppm
	e limit (VI-)	
Germany. DFG MAK List (advisory	e limit (VL) OELs). Commission for the I	nvestigation of Health Hazards of Chemical Compound
Germany. DFG MAK List (advisory in the Work Area (DFG)	•	Investigation of Health Hazards of Chemical Compound
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS	OELs). Commission for the I	
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS	OELs). Commission for the I	Value 14 mg/m3
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6)	OELs). Commission for the I	Value
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	OELs). Commission for the I Type TWA	Value 14 mg/m3 20 ppm
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	OELs). Commission for the I Type TWA	Value 14 mg/m3 20 ppm 500 mg/m3
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	Type TWA TWA	Value 14 mg/m3 20 ppm 500 mg/m3 200 ppm
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Germany. TRGS 900, Limit Values	Type TWA TWA	Value 14 mg/m3 20 ppm 500 mg/m3 200 ppm
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Germany. TRGS 900, Limit Values Components Propan-2-ol; Isopropyl	Type TWA TWA TWA	14 mg/m3 20 ppm 500 mg/m3 200 ppm
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Germany. TRGS 900, Limit Values Components Propan-2-ol; Isopropyl alcohol; Isopropyl alcohol; Isopropyl	Type TWA TWA TWA in the Ambient Air at the Wor	Value 14 mg/m3 20 ppm 500 mg/m3 200 ppm rkplace Value
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Germany. TRGS 900, Limit Values Components Propan-2-ol; Isopropyl	Type TWA TWA TWA in the Ambient Air at the Wor	Value 14 mg/m3 20 ppm 500 mg/m3 200 ppm rkplace Value
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Germany. TRGS 900, Limit Values Components Propan-2-ol; Isopropyl alcohol; Isopropyl alcohol; Isopropyl alcohol; Isopropyl alcohol; Isopropyl alcohol; Isopropyl	Type TWA TWA in the Ambient Air at the Wor Type AGW	Value 14 mg/m3 20 ppm 500 mg/m3 200 ppm rkplace Value 500 mg/m3
Germany. DFG MAK List (advisory in the Work Area (DFG) Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Germany. TRGS 900, Limit Values Components Propan-2-ol; Isopropyl alcohol; Isopropyl alcohol; Isopropyl	Type TWA TWA in the Ambient Air at the Wor Type AGW	Value 14 mg/m3 20 ppm 500 mg/m3 200 ppm rkplace Value 500 mg/m3

Type	Value
	500 ppm
TWA	980 mg/m3
	400 ppm
nical Safety of Workplaces Type	Value
STEL	36 mg/m3
TWA	14 mg/m3
STEL	1000 mg/m3
TWA	500 mg/m3
	<u>-</u>
Туре	Value
STEL	36 mg/m3
	50 ppm
TWA	14 mg/m3
	20 ppm
TWA	490 mg/m3
	200 ppm
s Type	Value
STEL	36 mg/m3
	36 mg/m3 50 ppm
	Ç
STEL	50 ppm
STEL	50 ppm 14 mg/m3
STEL	50 ppm 14 mg/m3 20 ppm
STEL TWA STEL	50 ppm 14 mg/m3 20 ppm 400 ppm
STEL TWA STEL	50 ppm 14 mg/m3 20 ppm 400 ppm
STEL TWA STEL TWA	50 ppm 14 mg/m3 20 ppm 400 ppm
STEL TWA STEL TWA Type	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm
STEL TWA STEL TWA Type STEL TWA Itwa Itw	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm
STEL TWA STEL TWA Type STEL TWA	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm 200 ppm
STEL TWA STEL TWA Type STEL TWA Imit values of chemical su Type	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm 200 ppm 200 ppm bstances in work environment Value 36 mg/m3
STEL TWA STEL TWA Type STEL TWA limit values of chemical su Type STEL	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm 200 ppm bstances in work environment Value 36 mg/m3 50 ppm
STEL TWA STEL TWA Type STEL TWA Imit values of chemical su Type	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm 200 ppm bstances in work environment Value 36 mg/m3 50 ppm 14 mg/m3
STEL TWA STEL TWA Type STEL TWA limit values of chemical su Type STEL	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm 200 ppm bstances in work environment Value 36 mg/m3 50 ppm
STEL TWA STEL TWA Type STEL TWA limit values of chemical su Type STEL TWA	50 ppm 14 mg/m3 20 ppm 400 ppm 200 ppm Value 400 ppm 200 ppm bstances in work environment Value 36 mg/m3 50 ppm 14 mg/m3 20 ppm
	TWA mical Safety of Workplaces Type STEL TWA STEL TWA n occupational exposure lin Type STEL TWA TWA TWA

Lithuania. OELs. Limit Values for Components	Туре	Value
ammonia% (CAS 1336-21-6)	STEL	36 mg/m3
		50 ppm
	TWA	14 mg/m3
		20 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	600 mg/m3
57-00-0)		250 ppm
	TWA	350 mg/m3
		150 ppm
Luxembourg. Binding Occupation	nal evnosure limit values (Ann	
Components	Type	Value
ammonia% (CAS 1336-21-6)	STEL	36 mg/m3
,		50 ppm
	TWA	14 mg/m3
		20 ppm
Malta. OELs. Occupational Expos Schedules I and V)	ure Limit Values (L.N. 227. of 0	Occupational Health and Safety Authority Act (CAP. 42
Components	Туре	Value
ammonia% (CAS 1336-21-6)	STEL	36 mg/m3
		50 ppm
	T14/4	4.4
	TWA	14 mg/m3
	IWA	14 mg/m3 20 ppm
	r Contaminants in the Workpla	20 ppm
Components	r Contaminants in the Workpla Type	20 ppm ice Value
Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	r Contaminants in the Workpla	20 ppm
Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	r Contaminants in the Workpla Type	20 ppm ice Value
Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817
Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 637-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v Type STEL TWA	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupate	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v Type STEL TWA	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupat Components ammonia% (CAS	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v Type STEL TWA tional exposure to chemical ag	20 ppm 20 ppm 245 mg/m3 100 ppm 3n 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 900 mg/m3 ents (NP 1796)
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupat Components ammonia% (CAS	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the volume Type STEL TWA tional exposure to chemical agony personal exposure to chemical exp	20 ppm Ice Value 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 900 mg/m3 ents (NP 1796) Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupat Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v Type STEL TWA sional exposure to chemical ag Type STEL	20 ppm 20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 900 mg/m3 ents (NP 1796) Value 35 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupat Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the v Type STEL TWA tional exposure to chemical ag Type STEL TWA	20 ppm ace Value 245 mg/m3 100 ppm an 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 ents (NP 1796) Value 35 ppm 25 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupat Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Propan-2-ol; Isopropyl alcohol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the volume Type STEL TWA stional exposure to chemical age Type STEL TWA STEL TWA STEL TWA STEL TWA STEL	20 ppm 245 mg/m3 100 ppm 100 ppm 100 ppm 100 for a sum of Laws 2014, item 817 100 vork environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 1200 mg/m3 1200 mg/m3 1200 ppm 25 ppm 400 ppm 200 ppm 200 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupate Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Romania. OELs. Protection of wo Components	r Contaminants in the Workplatype TLV r of Labour and Social Policy of harmful health factors in the virgoe STEL TWA tional exposure to chemical age Type STEL TWA STEL TWA STEL TWA STEL TWA STEL	20 ppm ice Value 245 mg/m3 100 ppm in 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 900 mg/m3 ents (NP 1796) Value 35 ppm 25 ppm 400 ppm 200 ppm cal agents at the workplace Value
	r Contaminants in the Workpla Type TLV r of Labour and Social Policy of harmful health factors in the volume Type STEL TWA stional exposure to chemical age Type STEL TWA STEL TWA STEL TWA STEL TWA STEL	20 ppm 245 mg/m3 100 ppm In 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 900 mg/m3 ents (NP 1796) Value 35 ppm 25 ppm 400 ppm 200 ppm cal agents at the workplace Value 36 mg/m3
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Poland. Ordinance of the Minister concentrations and intensities of Components Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Portugal. VLEs. Norm on occupat Components ammonia% (CAS 1336-21-6) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0) Romania. OELs. Protection of wo Components ammonia% (CAS	r Contaminants in the Workplatype TLV r of Labour and Social Policy of harmful health factors in the virgoe STEL TWA tional exposure to chemical age Type STEL TWA STEL TWA STEL TWA STEL TWA STEL	20 ppm ice Value 245 mg/m3 100 ppm in 6 June 2014 on the maximum permissible work environment, Journal of Laws 2014, item 817 Value 1200 mg/m3 900 mg/m3 ents (NP 1796) Value 35 ppm 25 ppm 400 ppm 200 ppm cal agents at the workplace Value

		20
Dranan O ali laannanid	CTE	20 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	500 mg/m3
		203 ppm
	TWA	200 mg/m3
		81 ppm
Slovakia. OELs. Regulation No. 30 Components	0/2007 concerning protection Type	n of health in work with chemical agents Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	1000 mg/m3
,		400 ppm
	TWA	500 mg/m3
		200 ppm
Slovenia. OELs. Regulations conc (Official Gazette of the Republic of		against risks due to exposure to chemicals while working
Components	Туре	Value
ammonia% (CAS 1336-21-6)	TWA	14 mg/m3
		20 ppm
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	TWA	500 mg/m3
,		200 ppm
Spain. Occupational Exposure Lin	nits	
Components	Туре	Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	1000 mg/m3
,		400 ppm
	TWA	500 mg/m3
		200 ppm
Sweden. OELs. Work Environmen Components	t Authority (AV), Occupationa Type	al Exposure Limit Values (AFS 2015:7) Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	600 mg/m3
		250 ppm
	TWA	350 mg/m3
		150 ppm
Switzerland. SUVA Grenzwerte am Components	ı Arbeitsplatz Type	Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	STEL	1000 mg/m3
•		400 ppm
	TWA	500 mg/m3
		200 ppm
UK. EH40 Workplace Exposure Lir	mits (WELs)	
Components	` Type	Value
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS	STEL	1250 mg/m3

Components	Туре	Value
		500 ppm
	TWA	999 mg/m3

400 ppm

Biological limit values

Components	Value	Determinant	Specimen	Sampling Time
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	50 mg/l	Acetone	Urine	*
	50 mg/l	Acetone	Blood	*
	0,86 umol/l	Acetone	Urine	*
	0,86 umol/l	Acetone	Blood	*
* - For sampling details, ple	ease see the source	e document.		
Germany. TRGS 903, BA	T List (Biological L	₋imit Values)		
Components	Value	Determinant	Specimen	Sampling Time
<u> </u>	05 "	ACETON		

Components	Value	Determinant	Specimen	Sampling Time
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	25 mg/l	ACETON	Urine	*
	25 mg/l	ACETON	Blood	*

^{* -} For sampling details, please see the source document.

Hungary. Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices

Components	Value	Determinant	Specimen	Sampling Time	
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	430 µmol/l	Acetone	Urine	*	
	25 mg/l	Acetone	Urine	*	

^{* -} For sampling details, please see the source document.

Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4 Components Value Determinant Specimen Sampling Time Propan-2-ol; Isopropyl 40 mg/l Acetona Urine *

Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant .	Specimen	Sampling Time	
Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)	25 mg/l	ACETON	Urine	*	
	25 mg/l	ACETON	Blood	*	

^{* -} For sampling details, please see the source document.

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no effect levels (DNELs)

General population

Components	Value	Assessment factor	Notes
Propan-2-ol; Isopropyl alcohol; Isopropanol (C	AS 67-63-0)		
Long-term, Systemic, Dermal	319 mg/kg bw/day	2	Repeated dose toxicity
Long-term, Systemic, Inhalation	89 mg/m3	2	Repeated dose toxicity
Long-term, Systemic, Oral	26 mg/kg bw/day	2	Repeated dose toxicity
<u>Workers</u>			
Components	Value	Assessment factor	Notes
Propan-2-ol; Isopropyl alcohol; Isopropanol (C	AS 67-63-0)		
Long-term, Systemic, Dermal	888 mg/kg bw/day	1	
Long-term, Systemic, Inhalation	500 mg/m3	1	

^{* -} For sampling details, please see the source document.

Predicted no effect concentrations (PNECs)

Components	Value	Assessment facto	r Notes
Propan-2-ol; Isopropyl alcohol; Isopro	panol (CAS 67-63-0)		
Freshwater	140,9 mg/l	1	
Secondary poisoning	160 mg/kg	30	Oral
Sediment (freshwater)	552 mg/kg		
Soil	28 mg/kg		

Exp

Cyprus OEL: Skin designation

Propan-2-ol; Isopropyl alcohol; Isopropanol Can be absorbed through the skin.

(CAS 67-63-0)

Hungary OELs: Skin designation

Propan-2-ol; Isopropyl alcohol; Isopropanol Can be absorbed through the skin.

(CAS 67-63-0)

Iceland OELs: Skin designation

ammonia% (CAS 1336-21-6) Can be absorbed through the skin. Propan-2-ol; Isopropyl alcohol; Isopropanol Can be absorbed through the skin.

(CAS 67-63-0)

Ireland Exposure Limit Values: Skin designation

Propan-2-ol; Isopropyl alcohol; Isopropanol Can be absorbed through the skin.

(CAS 67-63-0)

8.2. Exposure controls

Appropriate engineering

controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protection equipment should be chosen

according to the CEN standards and in discussion with the supplier of the personal protective

equipment.

Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166. Eye/face protection

Skin protection

When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough - Hand protection

time of the glove should be longer than the total duration of product use. If work lasts longer than

the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended. Suitable gloves can be recommended by the glove supplier.

Wear suitable protective clothing. - Other

In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with Respiratory protection

organic vapour cartridge and full facepiece. (Filter type A)

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures When using do not smoke. Always observe good personal hygiene measures, such as washing

after handling the material and before eating, drinking, and/or smoking. Routinely wash work

clothing and protective equipment to remove contaminants.

Environmental exposure

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or

engineering modifications to the process equipment may be necessary to reduce emissions to

acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state I iauid **Form** Aerosol Colourless Colour

Characteristic odor. Odour

Melting point/freezing point Boiling point or initial boiling Not available. 82 °C (179,6 °F)

point and boiling range **Flammability**

Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) 1,8 % Explosive limit - upper 12 %

(%)

Material name: PROPOWER GLASS CLEANER

SDS FII

Flash point 12,0 °C (53,6 °F)

Auto-ignition temperature 460 °C (860 °F)

Decomposition temperature Not available.

Kinematic viscosity Not available.

Solubility

Solubility (water) Miscible with water

Partition coefficient Not available.

(n-octanol/water) (log value)

Vapour pressure Not available.

Density and/or relative density

Relative density0,93 g/cm3 20 °CVapour densityNot available.Particle characteristicsNot available.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No relevant additional information available.

9.2.2. Other safety characteristics

Evaporation rate Not available. **VOC** 412 g/l

SECTION 10: Stability and reactivity

10.1. ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoidAvoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials Acids. Strong oxidising agents. Chlorine. Isocyanates.

10.6. Hazardous

Carbon oxides.

decomposition products

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation May cause drowsiness or dizziness. Headache. Nausea, vomiting. May cause allergy or asthma

symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.

Skin contact May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Symptoms May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

11.1. Information on toxicological effects

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

Components Species Test Results

Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)

Acute Inhalation

LC50 Rat > 25000 mg/m3, 6 h

Skin corrosion/irritationBased on available data, the classification criteria are not met.

Serious eye damage/eye

Causes serious eye irritation.

irritation

Respiratory sensitisationBased on available data, the classification criteria are not met.Skin sensitisationBased on available data, the classification criteria are not met.Germ cell mutagenicityBased on available data, the classification criteria are not met.CarcinogenicityBased on available data, the classification criteria are not met.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

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

Specific target organ toxicity -

single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity -

repeated exposure

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

Aspiration hazard Not likely, due to the form of the product.

Mixture versus substance

information

Not available.

11.2. Information on other hazards

Endocrine disrupting

properties

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at levels of 0.1% or higher.

Other information May cause allergic respiratory and skin reactions.

SECTION 12: Ecological information

The product is not classified as environmentally hazardous. However, this does not exclude the 12.1. Toxicity

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components **Species Test Results**

ammonia% (CAS 1336-21-6)

Aquatic

Acute

EC50 Crustacea Daphnia magna 101 mg/l, 96 hours Fish LC50 0,89 mg/l, 96 hours

Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)

Aquatic

Acute

LC50 Crustacea Brine shrimp (Artemia salina) > 10000 mg/l, 24 hours Fish LC50 Bluegill (Lepomis macrochirus) > 1400 mg/l, 96 hours

12.2. Persistence and

No data is available on the degradability of any ingredients in the mixture.

degradability

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

> ammonia% -2.66Propan-2-ol; Isopropyl alcohol; Isopropanol 0,05

Bioconcentration factor (BCF) Not available. 12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB

assessment

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

12.6. Endocrine disrupting

properties

(EC) No 1907/2006, Annex XIII.

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential. GWP: 0

Substance Global Warming Potential per (Annex IV), Regulation 517/2014/EU on fluorinated greenhouse gases, as amended

0

ammonia% (CAS 1336-21-6)

12.8. Additional information

Estonia Dangerous substances in soil Data

Propan-2-ol; Isopropyl alcohol; Isopropanol

(CAS 67-63-0)

Chemical pesticides (As the total sum of the active substances)

0,5 mg/kg

Chemical pesticides (As the total sum of the active substances) 20

mg/kg

Chemical pesticides (As the total sum of the active substances) 5

mg/kg

Material name: PROPOWER GLASS CLEANER

SDS FII

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents Disposal methods/information

> under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international

regulations.

Dispose in accordance with all applicable regulations. Special precautions

SECTION 14: Transport information

UN1950 14.1. UN number

14.2. UN proper shipping AEROSOLS, flammable

14.3. Transport hazard class(es)

Class

Not assigned. Subsidiary risk

Label(s) 2.1

Not assigned. Hazard No. (ADR)

Tunnel restriction code D ADR/RID - Classification 5F

code:

14.4. Packing group Not assigned.

14.5. Environmental hazards No

Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions

for user

IATA

UN1950 14.1. UN number

14.2. UN proper shipping Aerosols, flammable

name

14.3. Transport hazard class(es)

Class 2.1

Subsidiary risk Not assigned. Not assigned. 14.4. Packing group

14.5. Environmental hazards No **ERG Code**

14.6. Special precautions

for user Other information Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed with restrictions.

Allowed with restrictions. Cargo aircraft only

IMDG

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable

name

for user

14.3. Transport hazard class(es)

Class

Subsidiary risk Not assigned. Not assigned. 14.4. Packing group

14.5. Environmental hazards

Marine pollutant No F-D, S-U EmS

14.6. Special precautions

Read safety instructions, SDS and emergency procedures before handling.

14.7. Maritime transport in bulk according to IMO instruments

Material name: PROPOWER GLASS CLEANER Version #: 1,0 Revision date: 30-April 2024 Issue date: 10-November-2022

Not established.



SECTION 15: Regulatory information

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended ammonia% (CAS 1336-21-6)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended ammonia% (CAS 1336-21-6)

Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

ammonia% (CAS 1336-21-6)

Propan-2-ol; Isopropyl alcohol; Isopropanol (CAS 67-63-0)

Other regulations The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP

Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation

(EC) No 1907/2006, as amended.

National regulations Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as

amended.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).

ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).

CAS: Chemical Abstract Service.

Ceiling: Short Term Exposure Limit Ceiling value.

CEN: European Committee for Standardization.

CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

GWP: Global Warming Potential.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MAC: Maximum Allowed Concentration.

MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals). RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit. TLV: Threshold Limit Value. TWA: Time Weighted Average. VLE: Exposure Limit Value. VME: Exposure Average Value. VOC: Volatile organic compounds.

vPvB: Very persistent and very bioaccumulative.

STEL: Short-term Exposure Limit.

References Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements, which are not written out in full under sections 2 to 15

H225 Highly flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Revision information Training information

None.

Follow training instructions when handling this material.

Disclaimer

CRC Industries Europe UK Limited cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC. The products are governed by Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP); Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (in each case, as amended and replaced) and other applicable laws. It is an importers or downstream users responsibility to ensure compliance of product they import. An SDS provided in the official language(s) of a country is not a guarantee of compliance in that country.

Material name: PROPOWER GLASS CLEANER

Version #: 1,0 Revision date: 30-April 2024 Issue date: 10-November-2022 16 / 16