

INGREDIENT DATA SHEET

According to the Detergent Regulation (EC) No 648/2004

Manufacturer/Supplier:

Company name: LEITZ ACCO Brands GmbH & Co KG

Address: Siemensstraße 64, D-70469 Stuttgart

Phone: +49 (0) 711 8103-0

E-mail: germanyinfo@acco.com

Date: 04.09.2024

Revision Date: -

Version: 1

Product name: Acco Nobo Whiteboard Renovator 150ml 34538408

Information on Ingredients:

INCI name
<i>10 % or more</i>
ISOPROPYL ALCOHOL
BUTANE
PROPANE
<i>1 % or over, but less than 10 %</i>
Phosphoric acid, 2-ethylhexyl ester
<i>0,1 % or over, but less than 1 %</i>
ISOBUTANE
ETHANE
<i>less than 0,1 %</i>

Note. INCI: International Nomenclature of Cosmetic Ingredients.

https://ec.europa.eu/growth/sectors/cosmetics/cosing_en

Acco Nobo 150ml Whiteboard-Renovator

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

1.1 - Product identifier

Trade name/designation Acco Nobo 150ml Whiteboard-Renovator

Chemical name

Product-type Mixture

Product code 34538408

UFI: RS20-C0V1-D008-08W9

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

Relevant identified uses

- PC35: Washing and cleaning products (including solvent based products).
- Aerosols

1.3 - Details of the supplier of the safety data sheet

LEITZ ACCO Brands GmbH & Co KG

Siemensstraße 64

D-70469 Stuttgart Germany

Telephone : +49 (0) 711 8103-0

germanyinfo@acco.com

1.4 - Emergency telephone number

Giftnotrufzentrale (Österreich)

Tel. No.: +43 1 406 4343

Antigif Centrum Centrum Antigif (België)/ Antigif Centrum Zentrum Antipoisons (Belgien)/ Antigif Centrum Centre Antipoisons (Belgique)

Tel. No.: +32 070 245 245

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Tel. No. / fax: +359 2 9154 233

Centar za kontrolu trovanja (Hrvatska)

Tel. No.: +385 1 234 8342

Toxikologické informa ní centrum (eská republika)

Tel. No.: +420 224 919 293 / +420 224 915 402

Giftlinjen (Denmark)

Tel. No.: +45 82 12 12 12

Mürgistusteabekeskus (Eesti)

Tel. No.: +372 794 3794 (or 16662 national/ või 16662 riiklikku)

Myrkytystietokeskus (Suomi)

Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)

Tel. No.: +33 (0) 1 45 42 59 59

Giftinformationszentrum, Charité – Universitätsmedizin Berlin, Hindenburgdamm 30, 12203 Berlin (Deutschland)

Tel. No.: +4930 30686700

Egészségügyi Toxikológiai Információs Szolgálat (Magyarország)

Tel. No.: +36 80 20 11 99

Acco Nobo 150ml Whiteboard-Renovator

Poison Centre (Iceland)/ Eitrunarmiðstöð (Ísland)
Tel. No.: +354 543 2222

CAV Milano Niguarda Ca' Granda (Italy)
Tel. No.: +39 02 66101029
CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA
Tel. No.: +39 06 68593726

Valsts Toksikoloģijas centrs, Saind šāns un zūnu informācijas centrs (Latvija)
Tel. No.: +371 670 42473

Valstybinė vaistų kontrolės tarnyba (VVKT), Apsinuodijimų informacijos biuras (VTI) (Lietuva)
Tel. No.: +370 5 236 20 52

Isptar Mater Dei (Malta)
Tel. No.: +356 2545 0000

Nationaal Vergiftigingen Informatie Centrum (NVIC) (Nederland)
Tel. No.: +31 (0) 30 274 8888

Hjelpetelefon for psykisk helse (Norge)
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)
Tel. No.: +351 213 303 271

Biroul RSI și Informare Toxicologică (Romania)
Tel. No.: +40 021 318 3606

Národné toxikologické informačné centrum (NTIC) (Slovensko)
Tel. No.: +421 2 5477 4166

Schweizerisches Toxikologisches Informationszentrum (Schweiz)/ Centro svizzero di informazione tossicologica (Svizzera)/ Centre Suisse d'Information Toxicologique (Suisse)

Tel. No.: +41 44 251 51 51

Tox Info Suisse Notrufnummer: 145 (24 Stunden)/ Numero di emergenza Tox Info Suisse: 145 (24 ore)/ Tox Info Suisse Numéro d'urgence: 145 (24h)

Servicio de Información Toxicológica (España)
Tel. No.: +34 91 562 04 20

Svensk Giftinformationscentral (Sverige)
Tel. No.: +46 08 331231

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Eye Irrit. 2	Eye irritation - Category 2
STOT SE 3	STOT-single exposure - Category 3 (H336)
Aerosol 1	Aerosol - Category 1
Skin Irrit. 2	Irritation, Category 2

2.2 - Label elements

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

Acco Nobo 150ml Whiteboard-Renovator

Contains: propan-2-ol, isopropyl alcohol, isopropanol

Signal word : Danger

Hazard pictograms



Hazard statements

H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
EUH-phrases	: None

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- less than 5%: phosphates
- 30% or more: aliphatic hydrocarbons

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Other hazards which do not result in classification - In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Acco Nobo 150ml Whiteboard-Renovator

Chemical name	No.	%	Class(es)	Specific concentration limit
propan-2-ol, isopropyl alcohol, isopropanol INCI: ISOPROPYL ALCOHOL	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7	>= 60 - < 65	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H336	Not applicable
butane INCI: BUTANE	CAS No. : 106-97-8 Index No. : 601-004-00-0 EC No. : 203-448-7	>= 20 - < 25	Flam. Gas 1 - H220 Press. Gas	Not applicable
propane INCI: PROPANE	CAS No. : 74-98-6 Index No. : 601-003-00-5 EC No. : 200-827-9	>= 10 - < 12.5	Flam. Gas 1 - H220 Press. Gas	Not applicable
Phosphoric acid, 2-ethylhexyl ester	CAS No. : 12645-31-7 Index No. : EC No. : 235-741-0	>= 1 - < 2.5		Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	- No special measures are necessary. - Provide fresh air. - When in doubt or if symptoms are observed, get medical advice.
<u>Following skin contact</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting. - When in doubt or if symptoms are observed, get medical advice.

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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</u>	- Causes eye irritation.
<u>Symptoms and effects - After ingestion</u>	- No information available.

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

- Treat symptomatically.
- In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO2) - Foam
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Unsuitable extinguishing media

- Extinguishing powder
- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- Heating causes rise in pressure with risk of bursting.
- In use may form flammable/explosive vapour-air mixture.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hazardous decomposition products

- No information available.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Remove persons to safety.
- Ventilate affected area.

For emergency responders

- Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2 - Environmental precautions

- Do not allow uncontrolled discharge of product into the environment.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- No information available.

Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques

- No information available.

6.4 - Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact

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- Do not breathe gas/fumes/vapour/spray.
- Do not pierce or burn, even after use.
- Heating causes rise in pressure with risk of bursting.
- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- Keep away from sources of ignition - No smoking.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- Provide adequate ventilation as well as local exhaustion at critical locations.
- Take precautionary measures against static discharges.
- Vapours can form explosive mixtures with air.

Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Wash hands before breaks and after work.
- When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Vapours can form explosive mixtures with air.
- Keep away from: Food and feedingstuffs
- Keep/Store only in original container.
- Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
- Protect against: UV-radiation/sunlight
- Protect against: Heat

7.3 - Specific end use(s)

- Aerosols

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
TWA EH40 ppm (UK)	400 ppm
TWA EH40 mg/m ³ (UK)	999 mg/m ³
STEL EH40 ppm (UK)	500 ppm
STEL EH40 mg/m ³ (UK)	1250 mg/m ³
butane (106-97-8)	
IOELV TWA mg/m ³ (UE)	1450 mg/m ³
IOELV TWA ppm (UE)	600 ppm
TWA EH40 ppm (UK)	600 ppm
TWA EH40 mg/m ³ (UK)	1450 mg/m ³
STEL EH40 ppm (UK)	750 ppm
STEL EH40 mg/m ³ (UK)	1810 mg/m ³

DNEL / PNEC

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)			
Type	Value	User	Effect
DNEL short-term oral (acute)	51 mg/kg	Consumers	Systemic
DNEL long-term oral (repeated)	26 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	178 mg/m ³	Consumers	Systemic

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DNEL acute inhalative	1000 mg/m ³	Workers	Systemic
DNEL long-term inhalative	500 mg/m ³	Workers	Systemic
DNEL long-term inhalative	89 mg/m ³	Consumers	Systemic
DNEL long-term dermal	888 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	319 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	140.9 mg/l		
PNEC aquatic, marine water	140.9 mg/l		
PNEC aquatic, intermittent release	140.9 mg/l		
PNEC sediment, freshwater	552 mg/kg		
PNEC sediment, marine water	552 mg/kg		
PNEC soil	28 mg/kg		
PNEC Secondary Poisoning	160 mg/kg		
PNEC sewage treatment plant (STP)	2251 mg/l		

propane (74-98-6)			
Type	Value	User	Effect
DNEL short-term oral (acute)	0.464 mg/kg	Consumers	Systemic
DNEL long-term inhalative	2.21 mg/m ³	Workers	Systemic
DNEL long-term inhalative	0.265 mg/m ³	Consumers	Systemic

8.2 - Exposure controls

Appropriate engineering controls - Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

- Wear anti-static footwear and clothing
- Eye glasses with side protection
- DIN EN 166
- Wear suitable gloves.
- EN ISO 374
- Suitable material: NBR (Nitrile rubber)

- Thickness of the glove material: >= 0,3 mm
- Suitable material: FKM (fluoro rubber)

- Thickness of the glove material: 0,7 mm
- Breakthrough time: > 480 min.
- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.
- Use only respiratory protection equipment with CE-symbol including four digit test number.

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Environmental exposure controls - No information available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Aerosol
<u>Colour</u>	colourless	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		< -20 °C	
Flash point		< -20 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		1.5 % Vol.	
Upper explosion limit		13 % Vol.	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		0.572 g/cm ³	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		> 350 °C	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		No data available	

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	98.7 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

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SECTION 10: Stability and reactivity

10.1 - Reactivity

- Extremely flammable aerosol. Pressurized container: May burst if heated.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- Keep cool. Protect from sunlight.
- Vapours can form explosive mixtures with air.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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

Toxicity : Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
LD50 oral (rat)	5840 mg/kg
LD50 dermal (rabbit)	13900 mg/kg
LC50 inhalation vapours (rat)	5000 mg/l
butane (106-97-8)	
LC50 inhalation (rat)	> 800000 ppmV
LC50 inhalation vapours (rat)	658 mg/l
propane (74-98-6)	
LC50 inhalation (rat)	> 800000 ppmV
LC50 inhalation vapours (rat)	> 20 mg/l

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<u>Skin corrosion/irritation</u>	- Irritation, Category 2 - Causes skin irritation - Causes skin irritation.
<u>Serious eye damage/eye irritation</u>	- Eye irritation - Category 2 - Causes serious eye irritation - Causes serious eye irritation.
<u>Respiratory or skin sensitisation</u>	- Based on available data, the classification criteria are not met.
<u>Germ cell mutagenicity</u>	- Based on available data, the classification criteria are not met.
<u>Carcinogenicity</u>	- Based on available data, the classification criteria are not met. - Based on available data, the classification criteria are not met.
<u>Reproductive toxicity</u>	- Based on available data, the classification criteria are not met. - Based on available data, the classification criteria are not met.
<u>STOT-single exposure</u>	- STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness - May cause drowsiness or dizziness.
<u>STOT-repeated exposure</u>	- Based on available data, the classification criteria are not met.
<u>Aspiration hazard</u>	- Based on available data, the classification criteria are not met.

11.2 - Information on other hazards

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

Toxicity : Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
EC50 48 hr crustacea	1000 mg/l
LC50 96 hr fish	9640 mg/l
ErC50 algae	> 100 mg/l

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NOEC chronic fish	> 1000 mg/l
NOEC chronic algae	1800 mg/l
butane (106-97-8)	
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l
ErC50 algae	7.71 mg/l < V < 16.5 mg/l
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l
propane (74-98-6)	
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l
ErC50 algae	7.71 mg/l < V < 16.5 mg/l
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l
Phosphoric acid, 2-ethylhexyl ester (12645-31-7)	
LC50 96 hr fish	> 100 mg/l
ErC50 algae	33 mg/l
ErC50 other aquatic plants	> 100 mg/l

12.2 - Persistence and degradability

Mixture

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
% of biodegradation in 28 days	95 %

12.3 - Bioaccumulative potential

Mixture

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

Substances

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
Log KOC	0.05
butane (106-97-8)	
Log KOC	1.09 < V < 2.8
propane (74-98-6)	
Log KOC	2.36
Phosphoric acid, 2-ethylhexyl ester (12645-31-7)	
Log KOC	2.18

12.4 - Mobility in soil

- No information available.

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12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

- | | |
|--------------------------------|---|
| <u>Waste treatment methods</u> | <ul style="list-style-type: none">- Do not allow to enter into surface water or drains.- Dispose of waste according to applicable legislation.- 16 05 04- WASTES NOT OTHERWISE SPECIFIED IN THE LIST- Gases in pressure containers (including halons) containing hazardous substances- gases in pressure containers and discarded chemicals- hazardous waste- This material and its container must be disposed of as hazardous waste.- Completely emptied packages can be recycled. |
|--------------------------------|---|

- | | |
|------------------------|---|
| <u>Sewage disposal</u> | <ul style="list-style-type: none">- No information available. |
|------------------------|---|

- | | |
|--|---|
| <u>Special precautions for waste treatment</u> | <ul style="list-style-type: none">- No information available. |
|--|---|

- | | |
|---|---|
| <u>Community or national or regional provisions</u> | <ul style="list-style-type: none">- No information available. |
|---|---|

SECTION 14: Transport information

14.1 - UN number or ID number

- | | | |
|-------------------------|---|--------|
| <u>UN number (ADR)</u> | : | UN1950 |
| <u>UN number (RID)</u> | : | UN1950 |
| <u>UN number (ADN)</u> | : | UN1950 |
| <u>UN number (IMDG)</u> | : | UN1950 |
| <u>UN number (IATA)</u> | : | UN1950 |

14.2 - UN proper shipping name

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UN proper shipping name (ADR) : AEROSOLS
UN proper shipping name (RID) : AEROSOLS
UN proper shipping name (ADN) : AEROSOLS
UN proper shipping name (IMDG) : AEROSOLS
UN proper shipping name (IATA) : AEROSOLS, FLAMMABLE

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 2
ADR Classification code: : 5F
Pictograms



Transport hazard class(es) (RID) : 2
Pictograms



Transport hazard class(es) (ADN) : 2
Pictograms



Transport hazard class(es) (IMDG) : 2
Pictograms



Transport hazard class(es) (IATA) : 2
Pictograms



14.4 - Packing group

Acco Nobo 150ml Whiteboard-Renovator

Packing group :
Packing group (RID) :
Packing group (ADN) :
Packing group (IMDG) :
Packing group (IATA) :

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

ADR

ADR Classification code : 5F
ADR Special provisions : 190+327+344+625
ADR Limited quantity (LQ) : 1L
ADR Excepted quantities : E0
ADR Packing instructions : P207 LP200
ADR Special packing provisions : PP87 RR6 L2
ADR Mixed packing provisions : MP9
Instructions for portable tanks and bulk containers :
Special provisions for portable tanks and bulk containers :
ADR tank code :
ADR tanks special provisions :
Vehicle for tank carriage :
ADR Transport category : 2
ADR Tunnel restriction code : D
ADR Special provisions loading, unloading and handling : CV9 CV12
Special provisions - Packages : V14
Special provisions - Bulk :
Special provisions - Operation : S2
ADR Hazard identification number (Kemler No.) :

RID

Special provisions : 190+327+344+625
Limited quantity (LQ) : 1L
Excepted quantities : E0

ADN

Special provisions : 190+327+344+625
Limited quantity (LQ) :
Excepted quantities : E0

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IMDG

<u>Special provisions</u>	:	63 190 277 327 344 381 959
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	E0
<u>Packing instructions</u>	:	P207 LP200
<u>Special packing provisions</u>	:	PP87 L2
<u>IBC instruction(s)</u>	:	
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>EmS codes</u>	:	F-D, S-U
<u>Stowage and handling</u>	:	Category None SW1 SW22
<u>Segregation</u>	:	SG69
<u>Properties and observations</u>	:	

IATA

<u>PCA - Excepted quantities</u>	:	E0
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Y203
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	30kg
<u>PCA - Packing Instructions</u>	:	203
<u>PCA - Maximum Net Quantity per Package</u>	:	75kg
<u>CAO - Packing Instructions</u>	:	203
<u>CAO - Maximum Net Quantity per Package</u>	:	150kg
<u>Special Provisions</u>	:	A145 A167 A802
<u>ERG Code</u>	:	

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	98.7 %

- - COMMISSION REGULATION (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII thereto. The Regulation has been published in the Official Journal of the European Union No. L 168/5 on 21 June, 2006;

- - COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016;

- - COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);

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- – On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;
- – Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);
- – COUNCIL DIRECTIVE of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (OJ L 147, 9.6.1975, p. 40)
- – The European Agreement concerning International Carriage of Dangerous Goods by Road (ADR).
- Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work
- Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
- Swiss Regulations: Article 4 para. 4 of the Ordinance on the protection of young people in the workplace (SR 822.115) and Article 1 lit. f of the EAER regulation on hazardous work and young people (SR 822.115.2).
- Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]
- P3a Flammable aerosols
- The Aerosol Dispensers Regulations 2009

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- less than 5%: phosphates
- 30% or more: aliphatic hydrocarbons

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

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Version	Issue date	Author	Description of the amendments
2	18/06/2024		<p>Added information in section 2.3: In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.</p> <p>Removed information in section 3.2: - ≥ 30 % aliphatic hydrocarbons, < 5 % phosphates.</p> <p>Removed information in section 8.2: Wear eye/face protection.</p> <p>Added information in section 8.2: Eye glasses with side protection Thickness of the glove material: $\geq 0,3$ mm Suitable material: FKM (fluoro rubber) Thickness of the glove material: 0,7 mm</p> <p>This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. Use only respiratory protection equipment with CE-symbol including four digit test number.</p> <p>Removed information in section 9: Lower explosion limits: 2 vol. % Upper explosion limits: 15 vol. % Auto-ignition temperature: 399 °C Density: 0,687 g/cm³</p> <p>Added information in section 9: Lower explosion limits: 1,5 vol. % Upper explosion limits: 13 vol. % Auto-ignition temperature: > 350 °C Density: 0,572 g/cm³</p> <p>Removed information in section 12: No information available.</p> <p>Added information in section 12: This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.</p>
1	20/08/2023		

Abbreviations and acronyms

- ACGIH – Association advancing occupational and environmental health.
- 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: The Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE: Acute Toxicity Estimate.
- CAS – Chemical Abstracts Service number.
- CAS No.: Chemical Abstracts Service number.
- CEN – European Committee for Standardisation.
- DNEL: Derived no-effect level.
- EC No: European Community number
- EC50 – Effective concentration to 50% of a test population (half maximal effective concentration).
- EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals.
- IATA: International Air Transport Association.
- IC50 – Inhibitory concentration to 50% of a test population (half maximal inhibitory concentration).

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- ICAO: International Civil Aviation Organization
- IMDG – International Maritime Dangerous Goods.
- IMDG: International Maritime Dangerous Goods.
- IMO – International Maritime Organization.
- LC50 – Lethal Concentration to 50 % of a test population.
- LC50: Lethal Concentration to 50 % of a test animals.
- LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).
- LD50: Lethal Dose to 50% of a test animals.
- LOEC: Lowest Observed Effect Concentration.
- LOEL: Lowest Observed Adverse Effect Level.
- MSDS – Material Safety Data Sheet.
- NIOSH – National Institute of Occupational Safety and Health.
- NOEC – No effect concentration.
- NOEC: No Observed Effect Concentration.
- NOEL: No observable effect level.
- OEL: Occupational exposure limit.
- PBT – Persistent, Bioaccumulative and Toxic substance.
- PBT: Persistent, Bioaccumulative and Toxic.
- PNEC(s) – Predicted No Effect Concentration(s).
- PNEC: Predicted no-effect concentration.
- RID – Regulations concerning the International Carriage of Dangerous Goods by Rail.
- RID: International Carriage of Dangerous Goods by Rail.
- STEL: Short-term exposure limit
- STOT – Specific Target Organ Toxicity.
- TWA: Time weighted average
- vPvB – Very Persistent and Very Bioaccumulative.
- vPvB: very Persistent and very Bioaccumulative.

Data sources: European Chemicals Agency (ECHA)
European Chemicals Bureau (ECB)
International Laboratories Organization (ILO)

Texts of the regulatory sentences

Aerosol 1	Aerosol - Category 1
Eye Irrit. 2	Eye irritation - Category 2
Flam. Gas 1	Flammable gas. - Category 1
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
H220	Extremely flammable gas.
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
Press. Gas	Gases under pressure
Skin Irrit. 2	Irritation, Category 2
STOT SE 3	STOT-single exposure - Category 3 (H336)

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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