



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

1 Identification

1.1 Product identifier

Trade name **Nu Finish Liquid Polish**
Alternative number(s) 078161000061

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

Relevant identified uses General use

1.3 Details of the supplier of the safety data sheet

Energizer Manufacturing, Inc.
25225 Detroit Rd.
Westlake OH 44145
United States

Telephone: 800-383-7323; 314-985-2000 (USA / CANADA)
e-mail: Autocare.regulatory@energizer.com
Website: <http://data.energizer.com>

1.4 Emergency telephone number

Emergency information service

FOR EMERGENCY in USA & Canada CALL +1 800 255-3924 / For International CALL +1 813 248 0585
This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

2 Hazard identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	4	Flam. Liq. 4	H227
3.4S	skin sensitization	1	Skin Sens. 1	H317
3.5	germ cell mutagenicity	1B	Muta. 1B	H340
3.6	carcinogenicity	1A	Carc. 1A	H350
3.9	specific target organ toxicity - repeated exposure	2	STOT RE 2	H373
3.10	aspiration hazard	1	Asp. Tox. 1	H304

For full text of abbreviations: see SECTION 16.

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources.

2.2 Label elements

Labeling

- Signal word danger

- Pictograms

GHS07, GHS08



- Hazard statements

H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H373	May cause damage to organs (nervous system) through prolonged or repeated exposure.

- Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P308+P313	IF exposed or concerned: Get medical advice/ attention.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403	Store in a well-ventilated place.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- Hazardous ingredients for labelling

Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light, 1,2-Benzisothiazolin-3-one

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.













3 Composition/ Information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Distillates (petroleum), hydrotreated light	CAS No 64742-47-8	10 – < 30	Flam. Liq. 3 / H226 Acute Tox. 3 / H331 STOT SE 3 / H336 STOT RE 2 / H373 Asp. Tox. 1 / H304	   
Naphtha (petroleum), hydrotreated light	CAS No 64742-49-0	5 – < 10	Flam. Liq. 1 / H224 Muta. 1B / H340 Carc. 1A / H350 Asp. Tox. 1 / H304	 
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	CAS No 68155-20-4	1 – < 5	Flam. Liq. 4 / H227	
Light aromatic hydrocarbons	CAS No 8052-41-3	0.1 – < 1	Flam. Liq. 3 / H226 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 STOT RE 1 / H372 Asp. Tox. 1 / H304	   
1,2-Benzisothiazolin-3-one	CAS No 2634-33-5	0.1 – < 1	Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317	 

For full text of abbreviations: see SECTION 16.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

4 First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Control of the effects

Protect against external exposure, such as

frost

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

7.3 Specific end use(s)

See section 16 for a general overview.

8 Exposure controls/ Personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	titanium dioxide	13463-67-7	OEL (AB)		10						OHS Code
CA	titanium dioxide	13463-67-7	OEL (ON-MoL)		10						MoL
CA	titanium dioxide	13463-67-7	OEL (BC)		10					dust	"BC Regulation"
CA	titanium dioxide	13463-67-7	PEV/VEA		10					dust, noAsb_less 1Sil	Regulation OHS



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
CA	titanium dioxide	13463-67-7	OEL (BC)		3					r	"BC Regulation"
CA	stoddard solvent	8052-41-3	OEL (AB)	100	572						OHS Code
CA	stoddard solvent	8052-41-3	OEL (ON-MoL)	100							MoL
CA	stoddard solvent	8052-41-3	PEV/VEA	100	525						Regulation OHS
CA	Stoddard solvent (mineral spirits)	8052-41-3	OEL (BC)		290		580				"BC Regulation"

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur
dust as dust

noAsb_less1S contains no asbestos and less than 1% free crystalline silica

il

r respirable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	DNEL	0.705 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	DNEL	1 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Light aromatic hydrocarbons	8052-41-3	DNEL	44 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Light aromatic hydrocarbons	8052-41-3	DNEL	55 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Light aromatic hydrocarbons	8052-41-3	DNEL	44 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
Light aromatic hydrocarbons	8052-41-3	DNEL	55 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
Light aromatic hydrocarbons	8052-41-3	DNEL	80 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Light aromatic hydrocarbons	8052-41-3	DNEL	30 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
1,2-Benzisothiazolin-3-one	2634-33-5	DNEL	6.81 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
1,2-Benzisothiazolin-3-one	2634-33-5	DNEL	0.966 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	PNEC	2.4 µg/l	aquatic organisms	freshwater	short-term (single instance)
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	PNEC	0.24 µg/l	aquatic organisms	marine water	short-term (single instance)
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	PNEC	830 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	PNEC	70 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	PNEC	7 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	PNEC	12.6 µg/kg	terrestrial organisms	soil	short-term (single instance)
Light aromatic hydrocarbons	8052-41-3	PNEC	0.14 mg/l	aquatic organisms	freshwater	short-term (single instance)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Light aromatic hydrocarbons	8052-41-3	PNEC	0.35 mg/l	aquatic organisms	marine water	short-term (single instance)
Light aromatic hydrocarbons	8052-41-3	PNEC	1.14 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Light aromatic hydrocarbons	8052-41-3	PNEC	0.14 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	4.03 µg/l	aquatic organisms	freshwater	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	0.403 µg/l	aquatic organisms	marine water	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	1.03 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	49.9 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	4.99 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,2-Benzisothiazolin-3-one	2634-33-5	PNEC	3 mg/kg	terrestrial organisms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid (gel)
Color	not determined
Odor	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	-20 °C at 101.3 kPa
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	not determined
Flash point	65 °C
Auto-ignition temperature	220 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapor pressure	240 kPa at 37.8 °C
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Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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9.2 Other information

Information with regard to physical hazard classes	there is no additional information
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Other safety characteristics

Temperature class (USA, acc. to NEC 500)	T2D (maximum permissible surface temperature on the equipment: 215°C)
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10 Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

11 Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

Acute toxicity estimate (ATE) of components of the mixture

Name of substance	CAS No	Exposure route	ATE
Distillates (petroleum), hydrotreated light	64742-47-8	inhalation: vapour	>5.28 mg/l/4h
Light aromatic hydrocarbons	8052-41-3	inhalation: vapour	>5.5 mg/l/4h
1,2-Benzisothiazolin-3-one	2634-33-5	oral	670 mg/kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

May cause damage to organs (nervous system) through prolonged or repeated exposure.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Hazard category	Target organ	Exposure route
2	nervous system	if exposed

Aspiration hazard

May be fatal if swallowed and enters airways.

12 Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Distillates (petroleum), hydrotreated light	64742-47-8	LC50	>1,000 mg/l	rainbow trout (Oncorhynchus mykiss)	96 h
Distillates (petroleum), hydrotreated light	64742-47-8	LC50	>1,000 mg/l	goldfish (Carassius auratus)	72 h
Distillates (petroleum), hydrotreated light	64742-47-8	EC50	>1,000 mg/l	water flea (Daphnia)	48 h
Distillates (petroleum), hydrotreated light	64742-47-8	EC50	>1,000 mg/l	algae	72 h
Distillates (petroleum), hydrotreated light	64742-47-8	LL50	5 mg/l	fish	96 h
Distillates (petroleum), hydrotreated light	64742-47-8	EL50	1.4 mg/l	aquatic invertebrates	48 h
Distillates (petroleum), hydrotreated light	64742-47-8	LOEL	1 mg/l	algae	72 h
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	LC50	2.4 mg/l	fish	96 h
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	EC50	3.2 mg/l	aquatic invertebrates	48 h
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	ErC50	2.9 mg/l	algae	72 h
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	NOEC	1 mg/l	fish	96 h
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	LOEC	2 mg/l	aquatic invertebrates	48 h
Light aromatic hydrocarbons	8052-41-3	LC50	0.18 mg/l	fish	96 h



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Light aromatic hydrocarbons	8052-41-3	LL50	41.4 mg/l	fish	96 h
Light aromatic hydrocarbons	8052-41-3	EL50	2.5 mg/l	algae	96 h
Light aromatic hydrocarbons	8052-41-3	EC50	0.58 mg/l	algae	96 h
Light aromatic hydrocarbons	8052-41-3	NOELR	0.76 mg/l	algae	96 h
Light aromatic hydrocarbons	8052-41-3	NOEC	0.16 mg/l	algae	96 h
1,2-Benzisothiazolin-3-one	2634-33-5	LC50	16.7 mg/l	fish	96 h
1,2-Benzisothiazolin-3-one	2634-33-5	EC50	2.94 mg/l	aquatic invertebrates	48 h
1,2-Benzisothiazolin-3-one	2634-33-5	ErC50	150 µg/l	algae	72 h
1,2-Benzisothiazolin-3-one	2634-33-5	NOEC	55 µg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Distillates (petroleum), hydrotreated light	64742-47-8	EL50	0.89 mg/l	aquatic invertebrates	21 d
Distillates (petroleum), hydrotreated light	64742-47-8	LOEL	1.2 mg/l	aquatic invertebrates	21 d
Light aromatic hydrocarbons	8052-41-3	EL50	1.19 mg/l	aquatic invertebrates	21 d
Light aromatic hydrocarbons	8052-41-3	EC50	0.33 mg/l	aquatic invertebrates	21 d
Light aromatic hydrocarbons	8052-41-3	NOEC	0.02 mg/l	fish	30 d
Light aromatic hydrocarbons	8052-41-3	NOELR	0.28 mg/l	aquatic invertebrates	21 d
1,2-Benzisothiazolin-3-one	2634-33-5	EC50	13 mg/l	microorganisms	3 h



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
1,2-Benzisothiazolin-3-one	2634-33-5	NOEC	11 mg/l	microorganisms	3 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

The substance fulfills the very bioaccumulative criterion.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

13 Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

14 Transport information

- | | |
|--|---|
| 14.1 UN number | not subject to transport regulations |
| 14.2 UN proper shipping name | not relevant |
| 14.3 Transport hazard class(es) | none |
| 14.4 Packing group | not assigned |
| 14.5 Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for user | There is no additional information. |
| 14.7 Transport in bulk according to IMO instruments | The cargo is not intended to be carried in bulk. |

Information for each of the UN Model Regulations

DOT

Transport information - National regulations - Additional information (UN RTDG)

Not subject to transport regulations: UN RTDG

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

15 Regulatory information

- 15.1 Safety, health and environmental regulations specific for the product in question**
- National regulations (United States)**
- Toxic Substance Control Act (TSCA)** not all ingredients are listed (ACTIVE)
- Superfund Amendment and Reauthorization Act (SARA TITLE III)**
- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
- none of the ingredients are listed
- Clean Air Act**
- none of the ingredients are listed



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Water	7732-18-5	solvents	
Distillates (petroleum), hydrotreated light	64742-47-8	solvents	
Kaolin, calcined		polishing agent	
Naphtha (petroleum), hydrotreated light	64742-49-0	solvents	EC Annex VI CMRs - Cat. 1B
Polydimethylsiloxane	63148-62-9	water repellent	
Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	68155-20-4	surfactant	
dimethyl siloxane	69430-40-6	surfactant	
Light aromatic hydrocarbons	8052-41-3	solvents	ATSDR Neurotoxics EC Annex VI CMRs - Cat. 1B
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	solvents	Canada PBTs EC Annex VI CMRs - Cat. 1B
Smectite Clay	1302-78-9	stabilizer	
Pentyl acetate	628-63-7	fragrance	
Isopropyl alcohol	67-63-0	solvents	OEHHA RELs
1,2-Benzisothiazolin-3-one	2634-33-5	preservative	
2-Amino-2-methyl-1-propanol	124-68-5	buffer	
Methanol	67-56-1	impurity	CA TACs IRIS Neurotoxics NTP OHAT - Repr. or Dev. Toxicants OEHHA RELs Prop 65
Decamethylcyclotetrasiloxane	541-02-6	emulsifier	Canada PBTs CECBP - Priority Chemicals EC PBTs
Octamethylcyclotetrasiloxane	556-67-2	emulsifier	Canada PBTs CECBP - Priority Chemicals EC PBTs

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Light aromatic hydrocarbons	8052-41-3		F2

Legend

F2 Flammable - Second Degree



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Light aromatic hydrocarbons	8052-41-3	T

Legend

T Toxicity (ACGIH®)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals

Name acc. to inventory	CAS No	Remarks	Type of the toxicity
titanium dioxide	13463-67-7	airborne, unbound particles of respirable size	cancer
	71750-81-7		
ethylbenzene	100-41-4		cancer
cumene	98-82-8		cancer
methanol	67-56-1		developmental
naphthalene	91-20-3		cancer

Drug precursors, Chemicals designated within the Controlled Substances Act, 21 U.S.C. § 802, paragraphs 34 (list I) and 35 (list II)

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	2	temporary or minor injury may occur
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

National inventories

Country	Inventory	Status
AU	AIIC	not all ingredients are listed
CA	DSL	not all ingredients are listed
CN	IECSC	not all ingredients are listed
EU	ECSI	not all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
US	TSCA	not all ingredients are listed
VN	NCI	not all ingredients are listed

Legend

AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Legend

INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

16 Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
2.2		- Precautionary statements: change in the listing (table)	yes
2.2	- Hazardous ingredients for labelling: Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light, 1,2-Benzothiazolin-3-one, Light aromatic hydrocarbons	- Hazardous ingredients for labelling: Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light, 1,2-Benzothiazolin-3-one	yes
2.3	Other hazards: This material is combustible, but will not ignite readily. Special danger of slipping by leaking/spilling product.	Other hazards: Special danger of slipping by leaking/spilling product.	yes
2.3		Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.	yes
2.3		Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.	yes
3.2		Description of the mixture: change in the listing (table)	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
9.1	Appearance		yes
9.1	Other safety parameters		yes
9.1	Flammability (solid, gas): not relevant, (fluid)	Flammability: flammable liquid in accordance with GHS criteria	yes



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
9.1		Lower and upper explosion limit: not determined	yes
9.1	Evaporation rate: Not determined		yes
9.1		Decomposition temperature: not relevant	yes
9.1		Kinematic viscosity: not determined	yes
9.1		Density and/or relative density	yes
9.1	Vapor density: this information is not available		yes
9.1	Viscosity: not determined		yes
9.1	Explosive properties: not explosive (GHS of the United Nations, annex 4)		yes
9.1	Oxidizing properties: none		yes
9.2		Information with regard to physical hazard classes: there is no additional information	yes
9.2		Other safety characteristics	yes
12.1	Toxicity: Harmful to aquatic life with long lasting effects.	Toxicity: Toxic to aquatic life with long lasting effects.	yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
12.5	Results of PBT and vPvB assessment: Data are not available.	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.	yes
12.6	Endocrine disrupting properties: None of the ingredients are listed.	Endocrine disrupting properties: Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.	yes
14.3	Transport hazard class(es): not assigned	Transport hazard class(es): none	yes



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
15.1		Toxic Substance Control Act (TSCA): not all ingredients are listed (ACTIVE)	yes
15.1		Cleaning Product Right to Know Act Substance List (CA-RTK): change in the listing (table)	yes
15.1	Toxic or Hazardous Substance List (MA-TURA)		yes
15.1		Toxic or Hazardous Substance List (MA-TURA): change in the listing (table)	yes
15.1	Hazardous Substances List (MN-ERTK)		yes
15.1		Hazardous Substances List (MN-ERTK): change in the listing (table)	yes
15.1	Hazardous Substance List (Chapter 323) (PA-RTK)		yes
15.1		Hazardous Substance List (Chapter 323) (PA-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (NJ-RTK): change in the listing (table)	yes
15.1		Hazardous Substance List (RI-RTK): change in the listing (table)	yes
15.1		National inventories: change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
"BC Regulation"	OHS Regulation: Section 5.48 (British Columbia)
ACGIH®	American Conference of Governmental Industrial Hygienists
Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
Carc.	Carcinogenicity
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Abbr.	Descriptions of used abbreviations
DOT	Department of Transportation (USA)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
MoL	Ministry of Labor: Current Occupational Exposure Limits for Ontario Workplaces Required under Regulation 833
Muta.	Germ cell mutagenicity
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
NOELR	No Observed Effect Loading Rate
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OHS Code	Occupational Health and Safety Code: Occupational exposure limits for chemical substances (Alberta)
PBT	Persistent, Bioaccumulative and Toxic



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Abbr.	Descriptions of used abbreviations
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
Regulation OHS	Regulation respecting occupational health and safety: Permissible exposure values for airborne contaminants (Quebec)
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitization
STEL	Short-term exposure limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
UN RTDG	UN Recommendations on the Transport of Dangerous Good
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Hazardous Products Regulations (HPR)
SOR/2022-272: Regulations Amending the Hazardous Products Regulations (GHS, Seventh Revised Edition)
UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.



Safety Data Sheet

acc. to Hazardous Products Regulations (HPR)

Nu Finish Liquid Polish

Version number: 2.1
Replaces version of: 2022-02-08 (1)

Revision: 2023-09-11

Code	Text
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to organs (nervous system) through prolonged or repeated exposure.
H373	May cause damage to organs (nervous system) through prolonged or repeated exposure.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.