

Safety Data Sheet

Precision Cleaner Concentrate for Wood, LVT & Laminate Floors

Complying to 91/155/EC, 93/112/EC

This Safety Data Sheet is not intended for consumers and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

SECTION 1: Identification

1.1 Product identifier

Product name Precision Cleaner Concentrate for Wood, LVT & Laminate Floors
Product # CC-910

1.3 Recommended use of the chemical and restrictions on use

Floor cleaning concentrate

1.4 Supplier's details

Name: PRETEC USA LLC
Address: 6125 Discover Drive
Memphis, TN 38141
USA

Telephone: 901-363-0526

Fax: 901-363-0527

Email: www.pretecusa.com

1.5 Emergency phone number(s)

1-877-363-0088 or call CHEMTREC at 1-800424-9000 or 1-703-527-3887

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Sensitization, skin (chapter 3.4), Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H319

H335

H336

Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

Precautionary statement(s)

P210

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

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P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire use suitable extinguishing media.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container to approved waste disposal plant.
P264	Wash thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/ emergency line if you feel unwell.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on Ingredients

3.1 Substances

Hazardous Components

1. WATER

Concentration	<= 89 %
Other names / synonyms	DIHYDROGEN OXIDE; h2o; HYDROGEN OXIDE; ICE; SNOW; STEAM; WATER, DISTILLED.
CAS no.	7732-18-5

2. ISOPROPANOL

Concentration	9 %
Other names / synonyms	2-HYDROXYPROPANE; 2-PROPANOL; 2-PROPYL ALCOHOL; ALCOJEL; ALCOSOLVE; ALCOSOLVE 2; AVANTIN; AVANTINE; CHROMAR; COMBI-SCHUTZ; DIMETHYLCARBINOL; HARTOSOL; IMSOL A; ISOHOL; ISOPROPYL ALCOHOL; LUTOSOL; N-PROPAN-2-OL; PETROHOL; PRO; PROPAN-2-OL; PROPOL; reaction mass of: bis(1S,2S,4S)-(1-benzyl-4-tert-butoxycarboxamido-2-hydroxy-5-phenyl)pentylammonium succinate; SEC-PROPYL ALCOHOL; SPECTRAR; STERISOL HAND DISINFECTANT; TAKINEOCOL; UN 1219
EC no.	414-810-0
CAS no.	67-63-0
Index no.	607-403-00-6

3. PROPYLENE GLYCOL N-PROPYL ETHER

Concentration	1.5 %
CAS no.	1569-01-3

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4. PROPRIETARY SURFACTANT BLEND

Concentration 0.6 %

5. ACID BLUE 9 DISODIUM SALT

Concentration < 0.05 %
CAS no. 3844-45-9

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice:	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
If inhaled:	Remove to fresh air. If the individual is not breathing administer Mouth to Mouth. Call emergency responders immediately
In case of skin contact:	Wash skin with Water for 10-15 minutes. Remove contaminated clothing and wash or discard.
In case of eye contact:	Wash with Water for 15 minutes. Remove contact lenses. If irritation persists seek medical help.
If swallowed:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention.

Personal Protective Equipment for first-aid responders:

Use Universal Precautions.

4.2 Most important symptoms/effects, acute and delayed

None known.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Dizziness, listlessness, unable to speak or communicate.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Foam, Water, CO2

5.2 Specific hazards arising from the chemical

If heated vapors from product are Flammable. Keep containers cool with water if exposed to fire. Heated containers may rupture spilling hot product and may cause burns.

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5.3 Special protective actions for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

Specific end use(s)

Cleaning of flooring surfaces.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 980 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm, (ST) 500 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

4. Isopropyl alcohol (CAS: 67-63-0)

REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

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8.3 Individual protection measures, such as personal protective equipment (PPE)

Body protection

Under normal use none needed.

Respiratory protection

Unless working in a closed unventilated area none is needed. Do not use in a closed non ventilated area.

Thermal hazards

None known.

Environmental exposure controls

Under normal circumstances none is needed. If using large amounts of product emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Blue Liquid
Odor	Soapy chemical with Alcohol smell
Odor threshold	Unknown
pH	6-8
Melting point/freezing point	Below 32 F
Initial boiling point and boiling range	180-212 F
Flash point	80 F
Evaporation rate	Unknown
Flammability (solid, gas)	Unknown
Upper/lower flammability limits	Unknown
Upper/lower explosive limits	Unknown
Vapor pressure	Unknown
Vapor density	Unknown
Relative density	0.99
Solubility(ies)	Completely soluble in Water at all levels
Partition coefficient: n-octanol/water	Unknown
Auto-ignition temperature	Unknown
Decomposition temperature	Unknown
Viscosity	< 20 CPS
Explosive properties	Unknown
Oxidizing properties	Unknown

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

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10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

10.5 Incompatible materials

Strong Oxidizers, Strong Acids.

10.6 Hazardous decomposition products

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

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Product has not been classified or tested as a whole.

Skin corrosion/irritation

Product has not been classified. Expected to be a mild irritant based on components.

Serious eye damage/irritation

Product has not been classified or tested as a whole. Expected to be a moderate irritant based on components.

Respiratory or skin sensitization

No study available.

Germ cell mutagenicity

Product has not been classified or tested as a whole.

Carcinogenicity

Product has not been classified or tested as a whole.

Reproductive toxicity

Product has not been classified or tested as a whole.

STOT-single exposure

Product has not been classified or tested as a whole.

Individual component Propylene Glycol N-Propyl Ether (CAS# 1569-01-3) Respiratory System Classified: May cause respiratory irritation.

STOT-repeated exposure

Product has not been classified or tested as a whole.

Aspiration hazard

None under normal use.

SECTION 12: Ecological information

Toxicity

Product has not been classified or tested as a whole.

Persistence and degradability

Product has not been classified or tested as a whole.

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Bio-accumulative potential

This material is not expected to bio-accumulate.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

Disposal of the product

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal of contaminated packaging

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

SECTION 14: Transport information

14.1 UN Number	None
14.2 UN Proper Shipping Name	None
14.3 Transport hazard class(es)	None
14.4 Packing group	None
14.5 Environmental hazards	None
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.	None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Isopropyl alcohol (mfg-strong acid process)

CAS number: 67-63-0

New Jersey Right To Know Components

Common name: ISOPROPYL ALCOHOL

CAS number: 67-63-0

Pennsylvania Right To Know Components

Chemical name: 2-Propanol

CAS number: 67-63-0

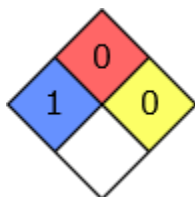
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HMIS Rating

Precision Technology Floor Cleaner Concentrate 3 to 1	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

Precision Technology LLC makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Precision Technology LLC as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Precision Technology LLC assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.