

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

NAME OF THE PRODUCT	Transparent peelable antidust lacquer 5L
CODE	030902
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

A. Classification according to Regulation (EC) n°1272/2008

The product is not classified according to the CLP regulation.

2.2. Label elements

A. Labelling according to Regulation (EC) n° 1272/2008

Void.

- **Hazard pictograms**

Void

- **Signal word**

Void

- **Hazard statements**

Void

- **Additional information**

Safety data sheet available on request.

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.



vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical characterization: Mixtures

· Description: Mixture of substances listed below with non-hazardous additions.

· Dangerous components:

CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	Propan-2-ol  Flam. Liq. 2, H225;  Eye Irrit. 2, H319; STOT SE 3, H336	3.0-<10%
CAS: 56-81-5 EINECS: 200-289-5	glycerol substance with a Community workplace exposure limit	1.0-3.0%

Additional information: For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

A. General information:

Personal protection for the First Aider.

Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

B. After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

C. After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

D. After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

E. After swallowing

Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing measures

A. Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

B. For safety reasons unsuitable extinguishing agents:
Water with full jet.

5.2. Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.

5.3. Advice for firefighters

A. Protective equipment

Do not inhale explosion gases or combustion gases.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.
Keep unprotected persons away.
Ensure adequate ventilations.
Avoid contact with the eyes and skin.
Do not inhale gases/fumes/aerosols.
Particular danger of slipping on leaked/spilled product.

6.2. Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

6.4. Reference to other sections

See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 13 for disposal information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Do not inhale gases/fumes/aerosols.
Avoid contact with the eyes and skin.

A. Information about fire and explosion protection

Vapours of the product are heavier than air and may accumulate on the ground, in mines, drains or cellars with higher concentration.
Buildup of explosive mixtures possible without sufficient ventilation.
Keep ignition sources away. Do not smoke.
Protect against electrostatic charges.

7.2. Conditions for safe storage, including any incompatibilities

A. Requirements to be met by storerooms and receptacles

Store only in the original receptacle.

B. Information about storage in one common storage facility
 Store away from foodstuffs.

C. Further information about storage conditions:
 Store in cool, dry conditions in wellsealed receptacles.
 Store receptacles in a well ventilated area.
 Protect from heat and direct sunlight.
 Protect form frost.

7.3. Specific end use(s)
 No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

· Additional information about design of technical facilities: No further fata; see section 7.

8.1. Control parameters

A. Ingredients with limit values that require monitoring at the workplace

67-63-0 propan-2-ol	
WEL (GB)	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
56-81-5 glycerol	
WEL (GB)	Long-term value: 10 mg/m ³
67-56-1 methanol	
WEL (GB)	Short-term value: 333 mg/m ³ , 250 ppm Long-term value: 266 mg/m ³ , 200 ppm Skin
IOELV (EU)	Long-term value: 260 mg/m ³ , 200 ppm Skin

B. DNELs

67-63-0 propan-2-ol		
Oral	Long-term exposure – systemic effects	26 mg/kg bw/day (general population)
Dermal	Long-term exposure – systemic effects	319 mg/kg bw/day (general population) 888 mg/kg bw/day (worker)
Inhalative	Long-term exposure – systemic effects	89 mg/m ³ (general population) 500 mg/m ³ (worker)

C. PNECs

67-63-0 propan-2-ol	
PNEC STP	2251 mg/l (-)
PNEC aqua	140.9 mg/l (freshwater) 140.9 mg/l (marine water)
PNEC sediment	522 mg/kg (freshwater) 522 mg/kg (marine water)
PNEC soil	28 mg/kg (-)

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

A. General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.
 Do not eat, drink, smoke or sniff while working.
 Wash hands before breaks and at the end of work.
 Immediately remove all soiled and contaminated clothing,
 Avoid contact with the eyes and skin.
 Do not inhale gases/fumes/aerosols.

B. Respiratory protection

Ensure good ventilation/exhaustion at the workplace.
 Adhere to the workplace limit values and/other threshold values.
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 Filter A.

C. Protection of hands

Protective gloves and protective skin cream.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

D. Eye protection

Safety glasses.

E. Body protection

Light weight protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic physical and chemical properties

Form	Fluid
Colour	Colourless
Odour	Characteristic
pH value at 20 °C	6
Boiling point/boiling range	Undetermined
Flash point	>61°C
Self-igniting	Product is not self-igniting
Danger of explosion	In use, may form flammable/explosive vapour-air mixture
Density at 20°C	1 g/cm ³
Solubility in/miscibility with water	Fully miscible

9.2. Other information

No further relevant information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No decomposition if used according to specifications.

10.2. Chemical stability

No decomposition if used and stored according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Further relevant information available.

10.5. Incompatible materials

Reacts with strong oxidizing agents.

Reacts with strong acids and alkali.

10.6. Hazardous decomposition products

Formation of toxic gases is possible during heating or in case of fire.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

A. Acute toxicity

LD/LC50 values relevant for classification:

67-63-0 propan-2-ol		
Oral	LD50	5840 mg/kg (rat) (OECD 401)
Dermal	LD50	13900 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4h	> 25 mg/l (rat) (OECD 403)
56-81-5 glycerol		
Oral	LD50	> 2000 mg/kg (rat)

B. Primary irritant effect

- **On the skin:**

Generally the product does not irritate the skin.

- **On the eye:**

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

C. Subacute to chronic toxicity

No further relevant information available.

- **Sensitisation:**

No sensitizing effects known.

- **CMR effect (carcinogenicity, mutagenicity and toxicity for reproduction):**

No further relevant information available.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.
 Reproductive toxicity: Based on available data, the classification criteria are not met.
 STOT-single exposure: Based on available data, the classification criteria are not met.
 STOT-repeated exposure: Based on available data, the classification criteria are not met.
 Aspiration hazard: Based on available data, the classification criteria are not met

12. ECOLOGICAL INFORMATION

12.1. Toxicity

A. Aquatic toxicity

67-63-0 propan-2-ol	
EC50	> 100 mg/l (bacteria)
EC50/48h	1099 mg/l (crangon crangon) 13299 mg/l (daphnia magna)
EC50/72h	> 100 mg/l (algae) > 1000 mg/l (scenedesmus subspicatus)
LC50/96h	> 100 mg/l (fish) 9640 mg/l (pimephales promelas)
56-81-5 glycerol	
EC0	> 100 mg/l (bacteria)
LC50	> 100 mg/l (fish)

12.2. Persistence and degradability

67-63-0 propan-2-ol	
Biodegradation	>95 % (-) (OECD 301E, C.4-B, 21d)
56-81-5 glycerol	
Biodegradation	>60% (-) (28d)

12.3. Bioaccumulative potential

67-63-0 propan-2-ol	
Log Pow	0.05 (-)
56-81-5 glycerol	
log Pow	-1,75 (-)

Behaviour in environmental systems

12.4. Mobility in soil

No further relevant information available.

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6. Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

A. Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulation.

B. Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

14.1. UN-Number

ADR, ADN, IMDG, IATA: Void

14.2. UN proper shipping name

ADR, ADN, IMDG, IATA: Void

14.3. Transport hazards class(es)

ADR, ADN, IMDG, IATA

Class: Void

14.4. Packing group

ADR, IMDG, IATA: Void

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

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

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations:
- Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles must be observed.

15.2. Chemical safety assessment

A chemicals safety assessment is not provided for mixtures.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Relevant phrases

H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

• Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge. No responsibility