



**BUREAU
VERITAS**

TEST REPORT

NINGBO DELI LMP & EXP. CO., LTD.

Technical Report: (3225)195-0533

July 23,2025

Date Received: July 14,2025

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KARL WANG
NINGBO DELI LMP & EXP. CO., LTD.
306 XUXIAKE RD., DELI XINLING INDUSTRIAL ZONE, NINGHAI
COUNTY, NINGBO

SAMPLE INFORMATION:

Sample Description:	WHITEBOARD CLEANER	Sample Quantity:	N/A
Vendor:	N/A	Style No(s):	N/A
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	N/A
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Tested Age Grade:	N/A	Country of Destination:	US
UPC Code:	N/A	Color :	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
The submitted sample was evaluated to MSDS(Material Safety Data Sheet) and the data provided is for information purpose only.*	DATA

Note: With the client's prior consent, * was subcontracted test item.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

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Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd

Kobe Chen
Chemical Supervisor



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1 Identification

- **Product identifier**

- **Trade name:**

Whiteboard cleaner

- **Other means of identification:**

No available data.

- **Recommended use of the chemical and restrictions on use**

- **Relevant identified uses:**

Consumer uses, whiteboard cleaning.

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

NINGBO DELI LMP & EXP. CO., LTD.

306 XUXIAKE RD., DELI XINLING INDUSTRIAL ZONE, NINGHAI COUNTY, NINGBO

Post code: 315100

Tel: +086-15258385741

Email: wangdingbao@nbdeli.com

National contact: Karl Wang

- **Other US contact point:**

No information available.

- **Emergency telephone number**

US Poison Center

Tel: + 1 800 222 1222 (24hours available)

2 Hazard(s) identification

- **Classification of the substance or mixture:**

Hazard class	Hazard category
Flammable liquids	Category 4

- **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

- **Label elements**

- **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

- **Hazard pictograms:**

No pictogram is used

- **Signal word:**

Warning

- **Hazard-determining components of labelling:**

Not applicable

- **Hazard statements:**

Combustible liquid

- **Precautionary statement:**

Keep out of reach of children.

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

Wear protective gloves/ eye protection/ face protection.

In case of fire: Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet.

Store in a well-ventilated place. Keep cool.



Dispose of contents/container in accordance with local regulation.

• **Hazards not otherwise classified (HNOC):**

No known otherwise classified hazards.

3 Composition/information on ingredients

• **Chemical characterization:**

Mixture

• **Description:**

Whiteboard cleaner.

• **Components:**

CAS No.	Composition Name	w/w, %
7732-18-5	Water	93.9
5131-66-8	Propylene glycol butyl ether	5
144-55-8	Sodium bicarbonate	1
69011-36-5	Isotridecanol, ethoxylated	0.1

4 First aid measures

• **Description of first aid measures**

After inhalation:

Supply with fresh air.

Call for doctor/physician if you feel unwell.

After skin contact:

Wash with water.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are as indicated in sections 2 and 11.

• **Indication of any immediate medical attention and special treatment needed:**

Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures

• **Suitable extinguishing agents:**

Use CO₂, powder, water spray or alcohol resistant foam to extinguish.

• **Special hazards arising from the substance or mixture:**

Combustible liquid

May form irritant vapor if burning.

• **Special protective equipment and precaution for firefighters**

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures:**



Collect the leakage timely.
Ensure adequate ventilation.
Avoid breathing vapor.
Avoid contact with skin and eyes.

· **Environmental precautions:**

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

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure well ventilation.
Dispose contaminated material as waster according to item 13.

7 Handling and storage

· **Handling**

· **Precautions for safe handling:**

Avoid all sources of ignition.
Avoid breathing vapor.
Avoid contact with skin and eyes.

· **Information about fire and explosion protection:**

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

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:**

Store in a well-ventilated place. Keep cool.

· **Information about storage in one common storage facility:**

Keep away from ignition source.

· **Further information about storage conditions:**

Store locked up.

8 Exposure controls/personal protection

· **Components with limit values that require monitoring at the workplace:**

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
7732-18-5	Water	None	None	None	None
5131-66-8	Propylene glycol butyl ether	None	None	None	None
144-55-8	Sodium bicarbonate	None	None	None	None
69011-36-5	Isotridecanol, ethoxylated	None	None	None	None

· **Additional information:**

The lists that were valid during the creation were used as basis.

· **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

· **Personal protective equipment:**



• **Breathing equipment:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Suitable respiratory equipment is recommended.

• **Protection of hands:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• **Eye protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Body Protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety boots



Safety overalls

Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **Appearance:**

Form	Liquid
Color	Colorless
Odor	No pungent smell
Odor threshold	Not determined
• pH-value	Not determined
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	100°C (Water)
• Freezing point	Not determined
• Flash point	89°C (closed cup, calculated value)
• Flammability	Not determined
• Decomposition temperature	Not determined
• Self-ignition	260°C (Propylene glycol butyl ether)



• Danger of explosion	Product does not present explosive hazard.
• Explosion limits	
Lower:	Not determined
Upper:	Not determined
• Oxidizing properties	Not oxidizing agent
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	
Water	Not determined
• Partition coefficient (n-octanol/water)	Not applicable
• Viscosity	
Dynamic	Not determined
Kinematic	Not determined
• Other information	Not determined

10 Stability and reactivity

• **Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

• **Chemical stability:**

Stable under recommended storage conditions.

• **Possibility of hazardous reactions:**

No known hazardous reaction.

• **Conditions to avoid:**

High temperature and flame.

• **Incompatible materials:**

Strong acids, strong oxidizing agents and flammable substances.

• **Hazardous decomposition products:**

No known hazardous decomposition products.

11 Toxicological information

• **Acute toxicity:**

Non-toxic chemical.

Species	Effective Dose	Results	Method/Source
5131-66-8 Propylene glycol butyl ether			
Rat	LD50 - oral	5010 mg/kg	National Technical Information Service. Vol. OTS0516797.
Rabbit	LD50 - dermal	3100 mg/kg	Toxicological Data, compiled by the National Institute of Health (NIH), USA, selected and distributed by Technical Database Services (TDS), New York, 2009
69011-36-5 Isotridecanol, ethoxylated			
Rat	LD50-oral	>10000 mg/kg	ECHA registered dossier.



Rabbit	LD50-dermal	7.07 mL/kg	ECHA registered dossier.
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- **Primary irritant effect**
- **Skin corrosion/irritation:**
Not irritant to skin.
- **Serious eyes damage/ irritation:**
Not irritant to eyes.
- **Sensitization:**
Not sensitive to skin or respiratory.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer):**
None of the ingredients are listed.
- **NTP (National Toxicology Program):**
None of the ingredients are listed.

12 Ecological information

• Toxicity:

Species	Effect dose	Test duration	Value
69011-36-5 Isotridecanol, ethoxylated			
Daphnia magna	NOEC	21d	218 µg/L
Desmodesmus subspicatus	EC50	72h	3.4 mg/L
Desmodesmus subspicatus	NOEC	72h	1.33 mg/L

• Persistence and degradability:

CAS	Substance	Biodegradation	Hydrolysis
69011-36-5	Isotridecanol, ethoxylated	75%(28d)	-

• Bio-accumulative potential:

CAS	Substance	Log pow	BCF
69011-36-5	Isotridecanol, ethoxylated	4.73	-

• Mobility in soil:

CAS	Substance	Surface tension (mN/m)	Log Koc
69011-36-5	Isotridecanol, ethoxylated	30 (20 mg/L, 25°C)	2.645

• Additional ecological information

• Other adverse effects:

No known other adverse effects.

13 Disposal consideration

• Waste treatment methods

• Recommendation:

Must not be disposed together with household garbage.

• Un-cleaned packaging

• Recommendation:

Dispose of contents/container in according to the local regulation.



14 Transport information

• UN-Number	
• DOT-DGR	Not applicable/Not regulated, this product is not subject to DOT-DGR.
• IMO-IMDG (42-24)	Not applicable/Not regulated, this product is not subject to IMO/IMDG code.
• IATA-DGR (66th)	Not applicable/Not regulated, this product is not subject to IATA-DGR.
• UN proper shipping name	
• DOT-DGR	Not applicable/Not regulated
• IMO-IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated
• Transport hazard class (es)	
• DOT-DGR	Not applicable/Not regulated
• IMO-IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated
• Packing group	
• DOT-DGR	Not applicable/Not regulated
• IMO-IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated
• Environmental hazardous	
• Marine pollution	No
• Special precautions for user	None
• Danger code (Kemler)	None
• EMS number	None
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable/Not regulated
• UN "Model Regulation"	Not applicable/Not regulated

15 Regulatory information

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

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

7732-18-5	Water	Listed
5131-66-8	Propylene glycol butyl ether	Listed
144-55-8	Sodium bicarbonate	Listed
69011-36-5	Isotridecanol, ethoxylated	Listed

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.



• **Washington, WAC 173-334-130 (CHCC):**

None of the ingredients are listed.

• **Chemicals of Concern, published by Maine DEP on July, 2015:**

None of the ingredients are listed.

• **Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:**

None of the ingredients are listed.

• **High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:**

None of the ingredients are listed.

• **Carcinogenicity categories**

• **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

• **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients are listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

• **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

16 Other information

- **Revision** : 23 July 2025
- **Date**
- **Version** : 1.0

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

• **DISCLAIMER OF LIABILITY:**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• **Abbreviations and acronyms:**

- DOT: Department of Transportation
- IMDG: International Maritime Code for Dangerous Goods.
- IATA: International Air Transport Association
- LD50: Lethal dose, 50 percent
- LC50: Lethal concentration, 50 percent
- EC50: Concentration of maximal effect, 50 percent
- NOEC: No observed effect concentration
- PEL: Permissible Exposure Limit
- TLV: Threshold limit value
- REL: Recommended Exposure Limit

End of safety data sheet