

SDS Report

No: JCT-SDS20190618005

Date: Jun. 18, 2019

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Client's Name: NINGBO YINZHOU YOUDI STATIONERY CO., LTD.
Client's Address: YINDONG SOUTH ROAD, BINHAI DEVELOPMENT ZONE, YINZHOU DISTRICT, NINGBO CITY, ZHEJIANG PROVINCE, CHINA.
Product Name: WHITE BOARD MARKER
Job Receiving Date: Jun. 13, 2019
Preparation Period: Jun. 13, 2019 - Jun. 18, 2019
Service Requested: Safety Data Sheet (SDS)
Summary: As per request, the contents and format of this SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
JCT Ltd.



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Section 1: Identification of the substance or mixture and of the supplier

Product identifier

Product Description: White Board Marker

Product Type: /

Brand: /

Item number: LLR75621

Description: Non-magnetic dry-erase board, plastic frame-11"×17"

Recommended use of the product and restrictions on use

Application of the product: Stationery

Restricted: No Information available.

Details of the supplier of the material safety data sheet

Name: Ningbo Beilun Yunlingqing Trade Co., Ltd.

Address: Beilunqu Xinqijiedao Huaihelu 299Hao 309Shi-3, 315800 Ningbo, CN.

Information contact: +86-18858257164

E-mail: Ray.he@nbzhibao.com

Other US contact point: Not available

Further information obtainable from: Ningbo Beilun Yunlingqing Trade Co., Ltd.

Emergency telephone number:

Poison Center: + 1 800 222 1222

Manufacturer/Supplier emergency contact phone number: +86-18858257164

Reference Number: JCT-SDS20190618005

Section 2: Hazards identification

Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)/ GHS Rev3

Physical and Chemical hazards



GHS02

Flam. Liq. 2 - H225, Highly flammable liquid and vapour.

Human Health hazards



GHS07

Eye Irrit. 2 - H319, Causes serious eye irritation.

STOT SE 3 - H336, May cause drowsiness or dizziness.

Environmental Hazards

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

Information concerning particular hazards for human and environment

The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).

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

Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)/ GHS Rev3

Hazard pictograms



Signal word

Danger

Hazard-determining components of labeling

Ethanol, 1-methoxypropan-2-ol, Propan-2-ol, Propan-1-ol

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

General precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Prevention precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. —No smoking.

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.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response precautionary statements

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P370+P378 In case of fire: Use dry chemical powder, foam or carbon dioxide to extinguish.

Storage precautionary statements

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal precautionary statements

P501 Dispose of contents/container to an approved waste disposal plant in accordance with local/regional/national/international regulation.

Hazards not otherwise classified (HNOC)

No further relevant information available.

Section 3: Composition / information on ingredients

Chemical characterization Substance Mixture

Description

Components	CAS No.	Concentration(%)	GHS Classification
Ethanol	64-17-5	30	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319
1-methoxypropan-2-ol	107-98-2	30	Flam. Liq. 3 - H226 STOT SE 3 - H336
Propan-2-ol	67-63-0	25	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336
Propan-1-ol	71-23-8	10	Flam. Liq. 2 - H225 Eye Dam. 1 - H318 STOT SE 3 - H336
Carbon black	1333-86-4	5	Not classified

Remark

Full text of Hazard Statements: see section 16.

Section 4: First-aid measures
Description of first aid measures
General advice

If symptoms persist, call a physician.

Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Skin contact

Wash off with soap and plenty of water. If symptoms persist, call a physician.

Eye contact

Flush eyes with water as a precaution. If symptoms persist, call a physician.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Fire-fighting measures
Extinguishing media
Suitable extinguishing media

Dry chemical powder, foam or carbon dioxide. Do not use water jet.

Special hazards arising from the substance or mixture

The formation of explosive vapour /air mixtures possible. Vapours are heavier than air and spread on the ground. The following can be released in a fire: Organic decomposition products.

Advice for firefighters
Protective equipment

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental release measures
Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Keep unprotected persons away. Remove ignition sources. No smoking. Prevent sparks. Avoid breathing in the fumes. Thoroughly ventilate affected areas. A risk of explosion exists.

Environmental precautions

Do not allow to enter sewers/ surface water. Should not be released into the environment.

Methods and material for containment and cleaning up

Contain spillage, and then place in container for disposal according to local regulations.

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.

Section 7: Handling and storage

Precautions for safe handling

Precautions for safe handling

Provides for good ventilation/extraction in the workspace. Avoid contact with skin and eye. Avoid ingestion and inhalation. Wash hands before breaks and immediately after handling the product.

Information about protection against fires and explosions

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

Store away from incompatible materials described in Section 10.

Information about storage in one common storage facility

Store in a dry, cool and well-ventilated place.

Further information about storage conditions

Keep container tightly closed.

Specific end use(s)

Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

Control parameters

Components with occupational exposure limits

CAS No.	TWA	STEL	Sources
64-17-5	1000 ppm, 1900 mg/m ³	-	NIOSH

	1000 ppm, 1900 mg/m ³ -	- 1000 ppm	OSHA ACGIH
107-98-2	100 ppm, 360 mg/m ³ 100 ppm, 360 mg/m ³ 50 ppm	150 ppm, 540 mg/m ³ 150 ppm, 540 mg/m ³ 100 ppm	NIOSH OSHA ACGIH
67-63-0	400 ppm, 980 mg/m ³ 400 ppm, 980 mg/m ³ 200 ppm	500 ppm, 1225 mg/m ³ - 400 ppm	NIOSH OSHA ACGIH
71-23-8	200 ppm, 500 mg/m ³ 200 ppm, 500 mg/m ³ 100 ppm	250 ppm, 625 mg/m ³ - -	NIOSH OSHA ACGIH
1333-86-4	3.5 mg/m ³ 3.5 mg/m ³	- -	NIOSH OSHA

Additional information

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

Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Breathing equipment

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

Hand protection

Handle with gloves.

Material of gloves

Butyl-rubber.

Penetration time of glove material

480 min.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance

Form Liquid

Color Black

Odor Slight

Odor Threshold No data available

pH-value No data available

Change in condition

Melting point/Melting range < 0 °C

Boiling point/Boiling range > 78 °C

Freezing point < 0 °C

Flash point(closed cup) < 23 °C

Flammability (solid, gaseous) Not applicable

Auto-Ignition temperature > 200 °C

Decomposition temperature No data available

Upper/lower flammability or explosive limits

Lower 1.5%

Upper 15.5%

Vapour pressure No data available

Density No data available

Relative density No data available

Vapor density No data available

Evaporation rate No data available

Solubility in / Miscibility with

Water Miscible with water

Partition coefficient(n-octanol/water) No data available

Viscosity

Dynamic No data available

Kinematic No data available

Other information

No information available.

Section 10: Stability and reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable at normal temperatures and storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible materials. High temperature, Direct sunlight, Fire.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No data available.

Section 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values that are relevant for classification

CAS No.	Route of exposure	Type of test	Species observed	Dose
64-17-5	Oral	LD50	Rat	7060 mg/kg
107-98-2	Oral	LD50	Rat	5000 mg/kg
	Dermal	LD50	Rabbit	13000 mg/kg
	Inhalation	LC50/1H	Rat	> 7559 ppm
67-63-0	Oral	LD50	Rat	5840 mg/kg
	Dermal	LD50	Rabbit	12870 mg/kg
	Inhalation	LC50/1H	Rat	72.6 mg/L
71-23-8	Oral	LD50	Rat	1870 mg/kg
	Dermal	LD50	Rabbit	4049 mg/kg
	Inhalation	LC50/1H	Rat	> 13548 ppm
1333-86-4	Oral	LD50	Rat	15400 mg/kg
	Dermal	LD50	Rabbit	> 3000 mg/kg

Skin corrosion/irritation

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

Serious eye damage/eye irritation

Category 2.

Respiratory or skin sensitization

Respiratory

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

Skin

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

Additional toxicological information

The product shows the following dangers according to internally approved calculation methods for preparations:

May cause drowsiness or dizziness.

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.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

Section 12: Ecological information

Toxicity

Aquatic toxicity

CAS No.	
64-17-5	LC50: 14200 mg/L, 96h, <i>Pimephales promelas</i> EC50: 9268 mg/L, 48h, Water Flea EC50: 275 mg/L, 72h, <i>Chlorella vulgaris</i>
107-98-2	LC50: 20.8 g/L, 96h, static (<i>Pimephales promelas</i>) EC50: 23300 mg/L, 48h, <i>Daphnia magna</i>
67-63-0	LC50: 11130 mg/L, 96h, static (<i>Pimephales promelas</i>) EC50: 13299 mg/L, 48h, <i>Daphnia magna</i> EC50: > 1000 mg/L, 72h, <i>Desmodesmus subspicatus</i>
71-23-8	LC50: 4480 mg/L, 96h, <i>Pimephales promelas</i> EC50: 3642 mg/L, 48h, <i>Daphnia magna</i>
1333-86-4	LC50: > 1000 mg/L, 96h, <i>Danio rerio</i>

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

CAS No.	log Pow
64-17-5	-0.32
107-98-2	-0.437
67-63-0	0.05
71-23-8	0.25 - 0.34

Other adverse effects

This product does not contain any known other adverse effects.

Section 13: Disposal considerations

Waste treatment methods

Recommendation

Follow all local, state, and federal regulations for disposal of waste chemicals.

Uncleaned packagings

Recommendation

Follow all local, state, and federal regulations for disposal of waste chemicals.

Section 14: Transport information

UN Number

DOT UN1263

IMDG/IMO UN1263

Remark: According to the IMDG Code(Amdt 38-16).

IATA/ICAO UN1263

Remark: According to IATA DGR(60th, 2019).

UN proper shipping name

DOT PAINT

IMDG/IMO PAINT

Remark: According to the IMDG Code(Amdt 38-16).

IATA/ICAO PAINT

Remark: According to IATA DGR(60th, 2019).

Transport hazard class(es)

DOT 3

IMDG/IMO 3

Remark: According to the IMDG Code(Amdt 38-16).

IATA/ICAO 3

Remark: According to IATA DGR(60th, 2019).

Packing group

DOT II

IMDG/IMO II

Remark: According to the IMDG Code(Amdt 38-16).

IATA/ICAO II

Remark: According to IATA DGR(60th, 2019).

Environmental hazards

Marine pollutant No

Special precautions for user

No special precautions required.

EmS Number

F-E, S-E

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

Not applicable, packaged goods.

Transport/Additional information

No further relevant information available.

Section 15: Regulatory information

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

SARA

Section 355 (extremely hazardous substances)

None of ingredients is listed.

Section 313 (Specific toxic chemical listings)

None of ingredients is listed.

TSCA (Toxic Substances Control Act)

All ingredients are listed.

California Proposition 65

Chemicals known to cause cancer

None of ingredients is listed.

Chemicals known to cause reproductive toxicity for females

None of ingredients is listed.

Chemicals known to cause reproductive toxicity for males

None of ingredients is listed.

Chemicals known to cause developmental toxicity

None of ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

None of ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of ingredients is listed.

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

None of ingredients is listed.

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other information

Full text of H-Statements referred to under sections 2 and 3

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

.....
The contents and format of this SDS are prepared in accordance with US Regulations Relating to Labor 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.

Date of preparation / last revision: Jun. 18, 2019 / Jun. 18, 2019

Abbreviations and acronyms

GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
OSHA	Occupational Safety & Health Administration
CAS	Chemical Abstracts Service
DOT	US Department of Transportation
IMDG/IMO	International Maritime Code for Dangerous Goods/ International Maritime Organization
IATA/ICAO	International Air Transport Association/ International Civil Aviation Organization
LC50	Lethal concentration, 50 percent.
LD50	Lethal dose, 50 percent.
EC50	50% effective concentration
BCF	Bioconcentration factor
NIOSH	National Institute for Occupational Safety and Health
ACGIH	American Conference of Governmental Industrial Hygienists
NOEC	no observed effect concentration
LOEC	Lowest Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
IARC	International Agency for Research on Cancer.
STEL	STEL (Short Term Exposure Limit).
TWA	Time-weighted average
IDLH	Immediately Dangerous to Life or Health concentration
MARPOL	International Convention for the Prevention of Pollution from Ships
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
POW	Partition coefficient Octanol:Water

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