

SAFETY DATA SHEET



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SECTION 1. IDENTIFICATION

Identification of Company : QingDao Bouni Chemical Co.,Ltd.
Room 803, DaRong Center
No.180 Haier Road, QingDao City, ShanDong Province, 266101
Tel. number: +86-0532-55760890

Product : Bouni®
501, 502

Product Use Description : Additive, Lubricant

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification : Not a hazardous substance or mixture.

GHS Label element : Not a hazardous substance or mixture.

Other hazards : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature : Low molecular weight polyethylene

HS CODE : 34049000

Chemical Name	CAS No.	Concentration
Polyethylene	9002-88-4	>99%

SECTION 4. FIRST AID MEASURES

General advice : Remove contaminated clothing and get medical

If inhaled : If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

In case of skin contact : Wash with soap and water. Contact physician if irritation or other symptoms occur. If hot wax strikes skin, drench or immerse the area in water to assist cooling. Do not remove wax from a burn after it cools. Consult a physician.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

If swallowed : DO NOT induce vomiting. Do not give anything to drink. Call a physician immediately.

Notes to physician : Treat symptomatically.

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SECTION 5. FIREFIGHTING MEASURES

- Extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Dry powder
Foam
Do not use solid water stream as it may scatter and spread fire.
- Hazards during fire-fighting** : Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.
- Protective equipment** : Wear personal protective equipment.
In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear suitable protective equipment.
- Emergency procedures** : Evacuate personnel to safe areas.
Provide adequate ventilation.
May form explosive dust-air mixture.
Avoid dust formation.
Accumulations of dust from this product in the workplace may increase the likelihood or severity of an explosion.
Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.
Eliminate all ignition sources if safe to do so.
Do not swallow.
Avoid breathing dust.
Avoid contact with skin, eyes and clothing.
- Environmental precautions** : The product should not be allowed to enter drains, water courses or the soil.
- Methods and materials for containment and cleaning up** : Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
Do not create powder cloud by using a brush or compressed air.
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

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Use only non-sparking tools.
For molten product:
If material is molten, allow to cool. Use caution, as material may still be hot after solidification.
Spilled material will solidify.
Allow to solidify.
Scrape up.
Shovel into suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion** : Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading operations. Keep away sources of ignition. Dust can form an explosive mixture in air.
- Advice on safe handling** : Avoid dust formation. Keep away from sources of ignition. Avoid inhalation, ingestion and contact with skin and eyes. Wash thoroughly after handling.
- Safe storage** : Store in original container. Keep container tightly closed. Store in a cool, dry, well-ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

- Engineering measures** : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.
- Personal protective equipment**
- Respiratory protection** : Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.
- Hand protection** : When handling hot material, use heat resistant gloves.
- Eye protection** : Safety glasses with side-shields.
For molten product: Goggles or face shield.
- Skin and body protection** : Wear heat protective clothing for handling hot material.
- Protective measures** : Observe the usual precautions for handling chemicals.
- Hygiene measures** : Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.
Remove and wash contaminated clothing before re-use.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Powder/Granule
Color	: White
Odor	: Not specified
pH	: Not applicable
Softening point/range	: 101-109°C
Boiling point/range	: Not determined
Flash point	: Not applicable
Viscosity @140°C	: 400-500 mPa·s
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Vapor pressure	: Not applicable
Relative vapor density	: Not applicable
Density	: 0.91 g/cm ³
Water solubility	: Insoluble
Solubility in other solvents	: Soluble in most organic solvents
Partition coefficient (n-octanol/water)	: No data available
Auto-ignition temperature	: Not determined
Explosive properties	: Not explosive

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.
Conditions to avoid	: Heat, flames and sparks. Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
Incompatible materials	: Strong oxidizing agents, Amines.
Hazardous decomposition products	: In case of fire hazardous decomposition products may be Produced, such as Carbon monoxide and Carbon dioxide.
Corrosion to metals	: No corrosive effect on metal.

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SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50: > 2,000 mg/kg (Species: Rat)
Acute inhalation toxicity	: No data available
Acute dermal toxicity	: No data available
Skin irritation	: Slight irritation (Species: Rabbit)
Eye irritation	: Slight irritation (Species: Rabbit)
Sensitisation	: No data available

SECTION 12. ECOLOGICAL INFORMATION

Biodegradation	: No data available
Mobility in soil	: No data available
Bioaccumulation	: Bioaccumulation is unlikely.
Environmental toxicity	: Aquatic toxicity is unlikely due to low solubility.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal	: Be dumped or incinerated in accordance with local regulations.
Container disposal	: Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed in the same manner as the contents.

SECTION 14. TRANSPORT INFORMATION

IATA	: Not dangerous goods
IMDG	: Not dangerous goods
RID	: Not dangerous goods
ADR	: Not dangerous goods

SECTION 15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

(On the inventory, or in compliance with the inventory.)

Australia. AICS	Canada. DSL	USA. TSCA
European Union. REACH	China. IECSC	Korea. KECI
Japan. ENCS	Japan. ISHL	Philippines. PICCS
New Zealand. NZIoC		

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SECTION 16. OTHER INFORMATION

Further information

The information submitted in this Safety Data Sheet is based on our current knowledge, information and experience at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

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Prepared by product technology group of QingDao Bouni Chemical Co.,Ltd

END OF SAFETY DATA SHEET
