

Material Safety Data Sheet

BC6100

Section 1 - Chemical Product and Company Identification

Product Name: BC6100

Synonyms: On inventory

Supplier:

Shanghai Bochuang Chemical Technology Co., Ltd

No.100,760 Liucheng Road,Pudong, Shanghai,China

Tel: +86-21-6845 0155

Fax: +86-21-6845 0177

Section 2 - Composition, Information on Ingredients

Chemical Name	CAS#	%
Pure natural lipidic derivative	85665-33-4	100

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: Lightyellow Bulk

Odor: Slight sweet.

Precautions

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Provide adequate ventilation.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Not expected to show any detectable aquatic toxicity even in saturated solutions because of its extremely low water solubility. Rapidly, readily and extensively biodegradable.

POTENTIAL HEALTH EFFECTS

Eyes Irritating to eyes.

Skin Prolonged skin contact may cause skin irritation and/or dermatitis. Normal care and personal hygiene should prevent skin effects.

Inhalation Irritation of the nose and throat, dizziness, and headache.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

(See Section 11 for Toxicological Information)

Section 4 - First Aid Measures

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice.

Wash contaminated clothing before re-use.

Inhalation

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

Ingestion

If swallowed, call a physician or poison control center immediately. Do not induce vomiting

without medical advice. Never give anything by mouth to an unconscious person.

Section 5 - Fire Fighting Measures

FLAMMABLE PROPERTIES

Flash point

>250 °C 482°F

Autoignition temperature

>300 °C 572 °F

Flammable limits in air % by volume

Lower explosion limit: Approximately 0.4 %(V)

Upper explosion limit: Approximately 2.7 %(V)

Fire and explosion

NFPA Class IIIB combustible liquid.

Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Fire fighting instructions

Wear self-contained breathing apparatus and protective suit. Keep containers and surroundings cool with water spray.

Section 6 - Accidental Release Measures

Steps to be taken in case of spill or leak

Evacuate personnel to safe areas. Remove all sources of ignition. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not flush into surface water or sanitary sewer system.

Spill precautions Material can create slippery conditions.

Section 7 - Handling and Storage

Electrostatic accumulation hazard

Ensure all equipment is electrically grounded before beginning transfer operations.

Storage/Transport pressure

Ambient

Load/Unload temperature

0 -35 °C

Section 8 - Exposure Controls, Personal Protection

ENGINEERING MEASURES

Mechanical ventilation may be necessary if working with this product in enclosed areas and/or at elevated temperatures.

PERSONAL PROTECTIVE EQUIPMENT

Eyes

When contact with liquid is possible, use a face shield and/or chemical splash goggles.

Otherwise use safety glasses with side shields or goggles.

Skin

Wear suitable protective clothing, gloves and eye/face protection.

Inhalation

Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. NIOSH-approved organic vapor air-purifying respirator, self-contained breathing apparatus, or air-supplied respirators where there may be potential for overexposure.

EXPOSURE GUIDELINES

Components

Exposure limit(s)

No exposure limits have been established for this product.

PEL= Permissible Exposure Limits TWA= Time Weighted Average (8 hr.)

TLV= Threshold Limit Value STEL= Short Term Exposure Limit (15 min.)

EL= Excursion Limit WEEL= Workplace Environmental Exposure Level

Section 9 - Physical and Chemical Properties

Appearance: solid

Color: Light yellow

Odor: Slight sweet

Form: Bulk

Boiling point/range: 325 - 340 °C 617 - 644 °F

Vapour pressure: < 0.1 mm Hg @ 20 °C

Vapor density: 9.1

Solubility (water): Nil.

Viscosity, dynamic Nil

Melting point/range: 44 - 46°C

Specific gravity 0.920 g/cm³ @ 60 °C

Section 10 - Stability and Reactivity

Conditions to avoid

Keep away from heat and sources of ignition.

Hazardous decomposition products

Combustion products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.

Incompatibility with other materials

Can react with strong oxidizers, inorganic acids, and halogens.

Hazardous polymerization: None

Section 11 - Toxicological Information

Eyes

Primary irritation index 5 (Maximum score is 110.)

Skin

Primary irritation index (rabbit): 1.5 (Maximum score is 8.0.) Literature reports minimal to mild irritation.

Inhalation: Acute No data available

Ingestion: Acute oral (rat): > 8,000 mg/kg

CARCINOGENICITY

This product contains no carcinogenic substances.

Section 12 - Ecological Information

Aquatic toxicity

Not expected to show any detectable aquatic toxicity even in saturated solutions because of its extremely low water solubility.

Biodegradation

Rapidly, readily and extensively biodegradable.

Section 13 - Disposal Considerations

Waste code

Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

Disposal methods

Dispose of only in accordance with local, state, and federal regulations.

Empty containers

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Section 14 - Transport Information

DOT description

This product is not hazardous according to DOT regulations for ground transportation.

IATA description

This product is not a dangerous good as defined by IATA for air transportation.

IMDG description

This product is not a dangerous good as defined by IMO in the IMDG Code for water transportation.

Section 15 - Regulatory Information

U.S. FEDERAL REGULATIONS

OSHA classification: Non hazardous

TSCA Inventory Listing

Components CAS-No.

SARA 302 Status

Components CAS-No. Weight %

Contains no chemicals subject to SARA 302 reporting.

SARA 311/312 Classification: Non hazardous

SARA 313 Chemical

Components CAS-No. Weight %

Contains no chemicals subject to SARA 313 reporting.

CERCLA Hazardous Substance

Components CERCLA RQ Weight %

Contains no chemicals subject to CERCLA.

INTERNATIONAL REGULATIONS

Workplace Hazardous Materials Information System (WHMIS) Classification

This material is not a controlled product as defined by Canada's Workplace Hazardous Materials

Information System (WHMIS)

Australian Inventory of Chemical Substances (AICS) Listing

The components of this product are listed on the AICS.

Japanese Minister of International Trade and Industry (MITI) Inventory Listing

The components of this product are listed on the MITI.
Canadian Domestic Substance List (DSL) Inventory Listing
The components of this product are listed on the DSL.
European Inventory of Existing Commercial Chemical Substances (EINECS) Listing
The components of this product are listed on the EINECS listing.
Phillipines Inventory List (PICCS)
The components of this product are listed on the PICCS.
Korean Inventory List
The components of this product are listed on the ECL.
China Inventory List
The components of this product are listed on the China inventory.
STATE REGULATIONS
California Safe Drinking Water Act (Prop 65) Listing
Components CAS-No.
Contains no chemical subject to California Prop 65.

Section 16 - Additional Information

The above information has been compiled by Bochuang from published sources considered reliable, but not all the information has been independently verified by Bochuang. In addition, the exact conditions of use are beyond Bochuang's control; Accordingly, Bochuang can not guarantee the accuracy of the above, although it is given in good faith.

Date of Issue: 8/21/2014

Prepared by: Technical Department/ BC Chemical Technology Co.,Ltd