

SECTION 1: Identification of the substance/mixture and of the company

Product Identifier

Product Name: SiSiB® PC16240

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet

Company

Nanjing SiSiB Silicones Co., Ltd.
Guanghua Sci & Tech Industrial Zone,
No. 104, Guanghua Road, Nanjing 210007, P.R.China
Email: SDS@SiSiB.com

Emergency Telephone Number: +86-25-8468-0091

SECTION 2: Hazardous identification

Emergency overview

Ingestion and entry into the respiratory tract can be fatal. May cause long lasting harmful effects on aquatic life.

GHS Hazard Class

Inhalation hazard	Class 1	H304
Long-term aquatic hazards	Class 4	H413

GHS label elements

Pictograms



Signal word

Danger

Hazard statement(s)

H304

May be fatal if swallowed and entered the respiratory tract.

H413

May cause long-lasting harmful effects on aquatic organisms.

Precautionary statement(s):

P233

Keep container airtight.

P280

Wear protective gloves/protective clothing/protective eye mask/protective mask.

P273

Avoid release into the environment.

Version 7.1C	Page 2 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

Incident Response

P301+P310

If swallowed by mistake: Call the emergency center/doctor immediately.

P331

should not induce vomiting.

Safe storage

P405

Store locked.

Disposal

P501

Dispose of contents/container to an approved waste disposal plant.

Physical and chemical hazards

no data available

Health Hazards

May be fatal if swallowed and enters airways.

Environmental Hazards

May cause long lasting harmful effects to aquatic life.

Other hazards

no data available

SECTION 3: Composition/information on ingredients

Chemical Characterization

Compound

Physical Form

Transparent to translucent gel

Color

Colourless

Ingredients

Chemical Name	CAS No.	% (w/w)
ISODODECANE	31807-55-3	48.0-56.0
ISOHEXADECANE	4390-04-9	20.0-28.0
DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	156065-02-0	18.0-22.0
OLEA EUROPAEA (OLIVE) FRUIT OIL	8001-25-0	2.0-6.0

Hazardous components

ISODODECANE

GHS Hazard Class: Inhalation Hazard Category 1, H304; Hazard to Aquatic Environment (Long-Term Hazard) Category 4, H413

ISOHEXADECANE

Version 7.1C	Page 3 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

GHS Hazard Category: Aspiration Hazard Category 1, H304

SECTION 4: First aid measures

Description of first aid measures

General advice

Consult a doctor. Show this safety data sheet to the doctor on site.

If inhaled

If inhaled, remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and seek medical attention immediately.

In case of skin contact

Wash with soap and plenty of water. If unwell, consult a doctor.

In case of eye contact

Flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses after the first 1-2 minutes and continue rinsing for several minutes. In case of discomfort, consult a physician, preferably an ophthalmologist.

If swallowed

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor.

Most important symptoms and effects, both acute and delayed

no data available

Indication of any immediate medical attention and special treatment needed

no data available

Special tips for doctors

no data available

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Use carbon dioxide (CO₂), dry chemical powder, water spray or alcohol-resistant foam.

Unsuitable extinguishing media

Do not use straight water.

Special hazards arising from the substance or mixture

Exposure to combustion products (silicon oxides, carbon oxides) may be hazardous to health.

Advice for firefighters

In case of fire, wear self-contained breathing apparatus. Use personal protective equipment. Cool unopened containers with a water spray. Evacuation area. Collect contaminated extinguishing water separately. Do not dispose of it into drains. Fire residues and contaminated extinguishing water must be

Version 7.1C	Page 4 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Use personal protective equipment. Avoid breathing vapour, mist or gas. Ensure adequate ventilation. Evacuate personnel to a safe area. Follow safe handling recommendations and personal protective equipment recommendations.

Environmental precautions:

Take steps to prevent further leaks or spills if safe to do so. Do not allow product to enter drains. Avoid discharge into the surrounding environment.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Use suitable absorbent to clean up remaining material from spill. Large spill, provide dikes or other appropriate containment measures to prevent material from spreading. If dyke material can be pumped, store recovered material in appropriate containers. Properly dispose of saturated absorbent or cleaning materials as self-heating may occur.

Reference to other sections

See Section 13 for other disposal measures.

SECTION 7: Handling and storage

Precautions for safe handling

Handle in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire from electrostatic discharge vapors.

Conditions for safe storage, including any incompatibilities

Keep it closed. Store in a cool, well-ventilated place. Keep away from heat and sources of ignition.

SECTION 8: Exposure Controls/Personal Protection

Occupational Exposure Limits

There are no known national exposure limits.

Biological Limits

no data available

Monitoring method

no data available

Engineering Controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and risk exclusion areas.

Version 7.1C	Page 5 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

Personal protective equipment

Respiratory protection

Respiratory protection should be worn when exposure limits or guidelines are likely to be exceeded.

Eye/face protection

Use safety glasses (with side shields). Safety glasses (with side shields) shall comply with EN 166 or equivalent.

Body Protection

Wear clean, covering clothing

Skin protection

The selected protective gloves must comply with the specifications given in Regulation (EU) 2016/425 and the EN 374 standard derived from it.

Control of environmental exposure

Take steps to prevent further leaks or spills if safe to do so. Do not allow product to enter drains.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Transparent to translucent gel
Color	Colorless
Odor	Characteristic smell
Odor Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flash point:	no data available
Evaporativity	no data available
Flammability	no data available
Combustion value	no data available
Vapor pressure	no data available
Relative vapor density	no data available
Specific gravity	0.780-0.820
Water solubility:	no data available
Surface tension	no data available
Partition coefficient: n-octanol/water	no data available
Autoignition temperature	no data available
Ignition temperature	no data available
Decomposition temperature	no data available
Viscosity (25°C, cP)	150,000-250,000

Version 7.1C	Page 6 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

Explosive properties	no data available
Particle characteristics	no data available
Oxidizing properties	no data available

SECTION 10: Stability And Reactivity

Reactivity

Not classified as a reactive hazard.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

May react with strong oxidizing agents. Vapors may form explosive mixtures with air. flammable liquid.

Conditions to avoid

Heat, flames and sparks.

Incompatibilities

Strong oxidants.

Hazardous decomposition products

Decomposition products include, but are not limited to: formaldehyde.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

Version 7.1C	Page 7 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

no data available

Aspiration hazard

no data available

Additional Information

no data available

SECTION 12: Ecological Effects

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

no data available

Other adverse effects

no data available

SECTION 13: Disposal considerations

Waste shall not be discharged into sewers, water bodies, and oil. Chemicals and packaging materials shall not pollute ponds, water sources, or sewers. The disposal of surplus and non-recyclable waste shall be entrusted to an approved company for destruction.

Product Disposal

Dispose according to local regulations.

Packaging Disposal

Dispose according to local regulations.

SECTION 14: Transport Information

UN number	no data available
UN proper shipping name	no data available
Transport hazard class(es)	no data available
Packing group	no data available
Environmental hazards	no data available
Special precautions for user	no data available

Version 7.1C	Page 8 / 8	Revision Date 21.11.2024
--------------	------------	--------------------------

Transport in bulk according to IMO instruments

no data available

SECTION 15: Regulatory Information

Regulatory information

Law of the China on the Prevention of Occupational Diseases

Classification list of occupational disease hazards: not included

Regulations on the Safety Management of Hazardous Chemicals

Hazardous Chemicals Catalogue (2018): Not included

Registration Measures for Environmental Management of Hazardous Chemicals

Key Environmental Management Hazardous Chemicals Catalogue (2014): Not included

Regulations on the Administration of Narcotic Drugs and Psychotropic Substances

List of Narcotic Drugs (2013): not included

List of psychotropic drug varieties (2013): not included

Environmental Management Measures for New Chemical Substances

List of Existing Chemical Substances in China: Listed

Other regulations

Meet the following regulatory requirements:

Regulations on the Safety Management of Hazardous Chemicals State Council Order No. 591

GB/T 16483 Chemical Safety Data Sheet Content and Project Sequence

GB/T 17519 Guidelines for the preparation of chemical safety technical specifications

GB 13690 General Rules for Classification and Hazard Disclosure of Chemicals

GB 30000.2-29 Code for classification and labelling of chemicals

SECTION 16: Other Information

Further information

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.