



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT CODE A0140
PRODUCT NAME STAR ANISE SEED OIL
SUPPLIER Shanghai M & U International Trade Co., Ltd.
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sales@mu-intel.com

FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)

2. HAZARD IDENTIFICATION:

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin sensitization (Category 1)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

May cause sensitization by skin contact

Label elements

Labeling according Regulation (EC) No 1272/2008 [CLP]

Signal word Warning

Hazard statement(s)

H317 May cause an allergic skin reaction

Precautionary statement(s)

P280 Wear protective gloves

Supplemental Hazard none

Statements

May produce an allergic reaction

According to European Directive 67/548/EEC as amended

Hazard symbol(s)

R-phrases(s)

R43 May cause sensitization by skin contact

S-phrases(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37

Wear suitable protective clothing and gloves

Caution - substance not yet tested completely

Other hazards

None

3. COMPOSITION AND INFORMATION ON INGREDIENTS:

SYNONYM	Anise Seed Oil		
CAS-No	EC-No	Index-No	Concentration
8007-70-3			

4. FIRST-AID GUIDE:

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance

If inhaled

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

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution

If swallowed

Do NOT induce vomiting. 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

Indication of immediate medical attention and special treatment needed

no data available

5. FIRE-FIGHTING GUIDE:

Extinguishing media

Suitable extinguishing media

For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide.

For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water

Special hazards arising from the substance or mixture

no data available

Precautions for fire-fighters

Wear self contained breathing apparatus for firefighting if necessary

Further information

Use water spray to cool unopened containers

6. ACCIDENTAL RELEASE GUIDE:

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains

Methods and materials for containment and cleaning up

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). Keep in suitable, closed containers for disposal

Reference to other sections

For disposal see section 13

7. HANDLING AND STORAGE:

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist

Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge

Conditions for safe storage, including any incompatibilities

Store in cool place, Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage

Recommended storage temperature: 2 - 8 °C

Light sensitive

Specific end uses

no data available

8. EXPOSURE AND PERSONAL PROTECTION:

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and them standard EN 374 derived from it

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Form: liquid
Odour	no data available
Odour Threshold	no data available
pH	no data available
Melting/freezing point	no data available
Initial boiling point and boiling range	232 °C - lit
Flash point	93 °C - closed cup
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	0.98 g/cm ³ at 25 °C
Water solubility	no data available
Partition coefficient: octanol/ water	no data available
Auto ignition	no data available
Temperature	no data available
Decomposition	no data available
Temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Other safety information	
no data available	

10. STABILITY AND REACTIVITY:

Reactivity

no data available

Chemical stability

no data available

Possibility of hazardous reactions

no data available

Conditions to avoid

Heat, flames and sparks

Incompatible materials

no data available

Hazardous decomposition products

no data available

11. TOXICOLOGICAL INFORMATION:**TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute toxicity**

LD50 Oral - rat - 2.250 mg/kg

LD50 Dermal - rabbit - > 5.000 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

May cause allergic skin reaction

Germ cell mutagenicity

Genotoxicity in vitro - rat - *S. typhimurium*

Host-mediated assay

Genotoxicity in vitro - *S. typhimurium*

Mutation in microorganisms

Carcinogenicity

IARC

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation

Ingestion May be harmful if swallowed

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation

Signs and Symptoms of Exposure

Dermatitis, to the best of our knowledge, the chemical, physical, and toxicological properties has not been thoroughly investigated

Synergistic effects

no data available

Additional Information

RTECS: BZ4200000

12. ECOLOGICAL INFORMATION:

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL RECOMMENDATIONS:

Product

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material

Contaminated packaging

Dispose of as unused product

14. TRANSPORTATION INFORMATION:

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION:

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006
Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

Chemical Safety Assessment

no data available

16. OTHER INFORMATION:

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