

SHANGHAI JIONG CHENG INDUSTRIAL CO., LTD.

Address :4/F, Building 1,420 Huiyu Road, Jiading District, Shanghai

Material Safety Data Sheet (MSDS)

This SDS is provided according to GB / t16483-2008 and GB / t17519-2013

Part 1: Chemicals and enterprise identification

Product identification

Trade names: compressor fluid
ACPL-522

Other identification

Chemical Name: Mixture
CAS No. CAS: Not applicable.

Recommended uses and restrictions on use

Recommended uses: Not determined.
Restrictions on use: Not determined.

Supplier Details

Name of enterprise: Shanghai Jiong Cheng Industrial Co., Ltd
Address:
Room 401, Building 1,420 Huiyu Road, Jiading District, Shanghai
Contact number: 021-36396011

Part 2: Hazards summarizing

Classification of substances or mixtures
According to GHS (GHS) standards.

Health hazards

Acute toxicity (oral) Category 5
Skin corrosion/irritation Category 3

Environmental hazards

Acute hazards to aquatic environment Category 3

Prevention notes

Preventive measures: P273: avoid release into the environment.
Incident response: P312: If you feel unwell, call poison control center / doctor. P332+P313: skin irritation: seek medical treatment / visit.

Waste disposal: P501: In the facilities suitable for waste disposal,
according to the available laws and regulations, and the product characteristics at the time of waste disposal,
dispose of the waste in the container / container.
other risks that do not lead to GHS classification Not identified.

Part 3: component/component information

Mixture

Chemical name	CAS No	Percentage (weight)
Polyether polyol	Confidential	60 - 70%
Carboxylic ester	Confidential	20 - 30%

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Alkarylamine	68411-46-1	5 - 10%
Barium sulfonate	Confidential	0.1 - 0.5%

Trade Confidential Information: Specific chemical identification and/or composition ratios are retained as trade secrets.

Part 4: First aid measures

First aid instruction

Inhalation: If harmful effects are observed, the contact is moved to fresh air.

Eye contact: Rinse thoroughly with water. If irritation occurs, consult a doctor. If you wear contact lenses and can easily remove, remove hidden Shape glasses. Continue flushing.

Skin contact: Take off the contaminated clothes and wash them before use. Rinse with soap and water. If skin spines occur, then seek medical treatment. Wash contaminated clothes before use.

Ingestion: Gargle. If you feel unwell, call a detoxification center or doctor.

The most important symptoms and effects, including acute and delayed:See Section 11.

Need any immediate medical attention and special treatment

Processing: According to the symptoms.

Part 5: Fire protection measures

General fire hazards: Use water to cool containers exposed to fire

Fire extinguishers

Suitable extinguishing agent: CO2 、 dry powder, foam, water spray, water mist.

Improper extinguishing media: The use of DC sprinkler fire extinguishers is prohibited, otherwise the fire will spread.

Special hazards from substances or mixtures: See 10 Section, learn other information. Combustion may produce irritating, toxic and unpleasant smoke. If heated, the container may break. Matter can cause special danger because it floats on the water.

Advice to firefighters

Special fire extinguishing procedures: Unavailable data

Special protective equipment for firefighters: Put on all the fire gear, Including self-contained breathing apparatus under positive pressure, And coats, Pants, gloves and boots. It is recommended to wear a self-contained respirator.

Part 6: Emergency management of leakage

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Protective measures, protective equipment and emergency handling procedures for operators:	Personal protective equipment must be worn, see the PPE recommendations of the personal protection section. If overflow in enclosed space or other poorly ventilated places, ventilate these places.
Environmental protection measures:	Avoid releasing into the environment. Pollution of water sources or sewers is prohibited. Take measures to prevent further leakage or overflow under safe conditions. Matter will float on the water.
Methods of reception and cleaning and materials:	Dike a large amount of leakage to be treated.. Unattached liquid is picked up for recovery and/or disposal. Residual liquids can be absorbed with inert material.
References to other parts:	See Section 8 and 13 Section, learn other information.

Part 7: Operational disposal and storage

Matters needing attention in safe operation disposal: Observe good industrial hygiene habits. Provide good ventilation. Wear suitable personal protective equipment.
Wash your hands thoroughly to avoid environmental pollution.

Maximum treatment temperature: Not determined.

Safe storage conditions, including any prohibited items: Keep away from taboos storage. See 10 Section, understand incompatible materials.

Maximum storage temperature: Not determined.

Part 8: Contact control and personal protection

Control parameters:

Occupational Exposure Limit Standards

All components do not specify exposure limits

Contact control

Appropriate engineering control methods: Mechanical ventilation or local ventilation is required.

Personal protective measures such as personal protective equipment

General information: Use the required personal protective equipment.

Eye/face protection: If contact may occur, safety glasses with side guards are recommended. Skin protection

Hand protection: Suitable gloves can be recommended by glove supplier.

Others, others: Long sleeve shirts are recommended. Do not wear rings, watches or similar ornaments that may hold material.

Respiratory protection: If you exceed the recommended exposure limit, Use a respirator with machine vapor and dust / fog filter. When workplace conditions require the use of respirators, it is necessary to comply with the respiratory protection plan in accordance with all relevant regulations. Under normal use conditions, respirators are usually not required. If it is likely to be exposed to dust particles, mist or steam, appropriate respiratory protection should be used. When entering the enclosed space, other places with poor ventilation and large-scale places for removing spills, use self-contained breathing apparatus.

Health measures: Observe good industrial hygiene habits.

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Part 9: Physical and chemical properties

Basic Physicochemical Properties Information

Shape: Liquidity

Form: Liquidity

Color: Light green to green

Smell: No harmful substances

Smell threshold: Unavailable data

PH values: Unavailable data

Ice point: Unavailable data

Boiling point: Unavailable data

Flash point: >273.9°C (Determination of flash point in Kriflancai Cup)

Evaporation rate: Unavailable data

Flammability (solids, gases): Not availableAccording to combustion upper/lower limit or explosion limit

Combustion limit - upper limit (%): Unavailable data

Limit to combustion (%): Not availableAccording to vapour pressure: Unavailable data

vapour density (air =1):Unavailable data

Relative density: 0.985(20°C)

Solubility

Solubility in water: Microdissolution

Solubility (other): Unavailable data

Distribution factor (octanol/water): Unavailable data

Spontaneous ignition temperature: Unavailable data

Decomposition temperature: Unavailable data

Viscosity: 39.3 mm²/s (40°C);9.4 mm²/s (100°C)

Explosive: Unavailable data

Oxidative properties: Unavailable data

Other information

Bulk density: 8.15lb/gal (25°C)

Part 10: Stability and reactivity

Reactivity: Unavailable data

Chemical stability: The material is stable under normal conditions.

Possible hazardous reactions: It won'thappen.

Conditions for avoiding contact: Do not expose to overheating, ignition sources or oxides.

Ligands: Avoid strong bases, strong acids, strong oxidants and substances that react withhydroxyl compounds at high temperatures.

Hazardous decomposition products: Thermal decomposition or combustion may produce smoke, carbon monoxide, carbon dioxide, and other incomplete combustion products.

Part 11: Toxicological information

Information on possible routes of contact

Inhalation: Unavailable data

Ingestion: Swallowing can be harmful.

Skin contact: Mild irritation to the skin.

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Eye contact:	No data
Acute toxicity	Toxicological effect information
Products:	Swallowing substances may cause gastrointestinal irritation, nausea, vomiting, diarrhea and abdominal pain.ATEmix > 2000 mg/kg
Skin	
Products:	Acute toxicity not classified based on available data
inhalation	
Products:	based on available data not classified as acute toxicity.
Skin corrosion/irritation:	
Products:	Long-term or repeated exposure may cause irritation
Remarks: Mild irritation to skin.	
Severe eye injury/eye irritation:	
Products:	Note: major eye irritants are not included.
Respiratory allergies	No data
Skin sensitizers:	
Alkarylamine	Hazard classification: not skin sensitizer.Not a skin sensitizer.
Barium sulfonate	Hazard classification: contact with the skin can cause allergies.(literature)
One exposure to specific target organ toxicity:	
Polyether polyol	If the substance is foggy or if steam is generated by heating, exposure may cause irritation of the mucous membrane and upper respiratory tract.
Carboxylic ester	If the substance is foggy or if steam is generated by heating, exposure may cause irritation of the mucous membrane and upper respiratory tract
Alkarylamine	exposure may cause mucosal and upper respiratory irritation if the substance is fogged or if heated to produce steam.
Barium sulfonate	Exposure may cause mucous membranes and exhalation if the substance is fogged or if heated to produce steam
Suction stimulation.	
Inhalation hazards:	No data
Chronic carcinogenic effects:	No data
Germ cell mutagenicity:	
Alkarylamine	The results of the Salmonella Ames mutation test on substances similar to the product were negative.
Reproductive toxicity:	No data

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Repeated exposure to specific target organ toxicity:

Alkarylamine Oral: target organs: liver, kidney

Part 12: Ecological information

Ecological toxicity

Fish

Alkarylamine LC 50(zebrafish ,4 DY):>100

Aquatic invertebrates

Alkarylamine EC50(Daphnia magna ,2 DY):51 mg/l

Toxicity to aquatic plants

Alkarylamine EC50(green algae ,3 DY):>100

Toxicity to organic compounds found in soil

No data

Precipitate toxicity

No data

Toxicity to terrestrial organisms

No data

Toxicity to microorganisms

Alkarylamine EC50(silt ,0.1 DY):>100

Persistence and degradation

Biological degradation

Alkarylamine 1% CO2 production (28 DY ,OECD TG 301B)

Potential bioaccumulation

Biological concentration factor (BCF)

No data

n- octanol/water partition coefficient (log Kow)

Alkarylamine Log Kow : >6

Mobility:

No data

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Other adverse effects:

Unavailable data

Part 13: Waste disposal

Treatment: Handling, storage, transportation and disposal must comply with applicable federal, state/provincial and local regulations.

Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty containers contain product residues that may indicate product hazards.

Contaminated packaging: Container packing can be dangerous.

Part 14: Transport information

IATA is not regulated.

International standards

The international maritime dangerous goods rules are not regulated.

Code of Emergency Response:

Domestic standards: compliance with domestic laws.

Environmental hazards: Unregulated.

Transport considerations: No special

precautions.

Bulk in accordance with MARPOL 73/78 appendix II and IBC guidelines

Transport unknown.

shipping instructions may vary depending on the mode of transport, quantity, material temperature, packing size and/or origin and destination. The transport organization is responsible for strictly following all applicable laws, regulations and regulations relating to the transport of such materials. During transportation, preventive measures must be taken to prevent material from moving or falling during loading and comply with all relevant regulations. Please refer to the classification requirements before shipping materials at elevated temperature.

Part 15: Regulatory information

List of substances

Australia (AICS)

All ingredients meet Australian chemical declaration requirements.

Canada (DSL/NDL)

All ingredients are in compliance with the Canadian Environmental Protection Ordinance and are listed in the domestic list of substances.

China (IECSC)

All components of this product are listed on the existing chemical list in China.

EU (REACH)

please visit the Lubrizol.com/REACH, or send an email to the REACH_MSDS_INQUIRIES@Lubrizol.com for details of compliance of this product with the eu regulation (REACH) on chemical registration, assessment, licensing and restriction.

Japan (ENCS)

All components are in accordance with Japanese chemical control rules.

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Korea (ECL)

All ingredients are listed / exempted from the existing chemicals list in Korea.

New Zealand (NZIoC)

All ingredients comply with New Zealand's chemical notification requirements.

Philippines (PICCS)

All ingredients comply with the Philippine Toxic Substances and Hazards and Nuclear Waste Management Act 1990(R.A.6969).

Switzerland (SWISS)

All ingredients are in accordance with the Swiss Code of Environmental Harmful Substances.

Taiwan, China (TCSCA)

All components are in accordance with the Taiwan Toxic Chemicals Management Act.

United States (TSCA)

All components are in the United States TSCA catalogue or in its exemption catalogue.

The information used to confirm the compliance status of this product may deviate from the chemical information in part 3.

Applicable legislation:

The provisions of the Rules for the Safe Operation of Chemicals in the Workplace, in particular those relating to the safe use, production, storage and transport of hazardous chemicals.

Safety Control Rules for Hazardous Chemicals

Code for the Safe Management of Hazardous Chemicals (Ministry of Labour, pp .677-1992)

Part 16: Other information

Key references and data sources:Internal company data and other

publicly available resources. **Date of issue:** 27.03.2019

Disclaimer:

We don't take any responsibility because we can't control how we use it and deny it. Any obligation to use this product. The data provided here are believed to be true and correct, but all statements or suggestions are free of any express or implied warranty as to the accuracy of the data, the risks associated with the use of the substance or the results to be obtained from the use of the substance. It is the responsibility of the user to follow all applicable federal, state and local regulations.