



Wuhan Bolachem New Material Co., LTD

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name: PT-SC16

CAS No.: 2425-77-6

Catalog Numbers: M046

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

Identified uses: Metal Processing Additives

1.3 Details of the supplier of the safety data sheet

Wuhan Bolachem New Material Co., LTD

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Wuhan City, China

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

OSHA/GHS Hazards Chronic aquatic toxicity Category 3

2.2 Label elements

Hazard symbols None

Signal word None

Hazard statements H412 Harmful to aquatic life with long lasting effects.

2.3 Precautionary statements

Prevention P273 Avoid release to the environment.

Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

3. INGREDIENTS/COMPOSITION INFORMATION

3.1. Substances

CAS No	Chemical name	Quantity
2425-77-6	C16 Guerbet Alcohol	>97%

4. FIRST AID MEASURES

4.1 Skin Contact: Take off contaminated clothing and wash thoroughly with soap and water for at least 15 minutes. If irritation occurs, seek medical attention immediately.

4.2 Eye contact: Immediately lift the eyelids and rinse thoroughly with plenty of running water or saline for at least 10 minutes, frequently lifting or retracting the eyelids while flushing. Seek medical attention.

4.3 Inhalation: Leave the scene quickly to fresh air. Keep your respiratory tract open, keep warm and rest, and seek medical advice.

4.4 Ingestion: Do not induce vomiting without medical advice. Call a physician immediately. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

5.1 Hazardous Characteristics: like most organic substances, it may burn when the temperature is too high or when it comes into contact with burning materials.

5.2 Hazardous combustion products: harmful gases, smoke, etc.

5.3 Fire extinguishing methods and fire extinguishing media: water spray, solvent-resistant foam, dry powder fire extinguishing media.

5.4 Precautions for fire fighting: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL LEAKAGE MEASURES

6.1 Disposal procedures: Wear personal protective equipment, cut off the source of leakage as much as possible, and prevent entry into restricted spaces such as sewers and flood ditches. Small amounts: absorb with absorbent material (e.g. sand, sawdust, general adhesive). Dispose of absorbent materials according to regulations. Bulk: Pull out product. Any residue needs to be recycled or transported to a waste disposal site for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for operation and handling: Operators must wear rubber acid and alkali resistant gloves. When handling, load and unload with care to prevent damage to packaging and containers. Care should be taken to empty the container of any residue.

7.2 Storage precautions: Store in a cool, ventilated warehouse. Keep away from fire and heat sources. Protect from direct sunlight. Keep container tightly sealed. When handling, load and unload with care to prevent damage to packaging and containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Maximum allowable concentration: China has not established standards.

8.2 Monitoring methods:

8.3 Engineering controls: Close operation and pay attention to ventilation. Mechanize and automate as much as possible. Safety showers and eyewash facilities are provided.

8.4 Respiratory system protection: Generally no special protection is required. During emergency rescue or evacuation, it is recommended to wear air respirators.

8.5 Eye protection: Wear safety goggles.

8.6 Skin and body protection: Choose body protection according to the situation and wear chemical protective clothing.

8.7 Hand protection: Wear chemical protective gloves.

8.8 Other protection: Smoking, eating and drinking are prohibited at the work site. After work, take a shower. Store clothes contaminated with poisons separately and wash them for later use. Maintain good hygiene habits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and properties: Colorless to light yellow liquid

Odor: Slight

PH value: No data available

Pour point (°C): -69

Boiling point: No data available

Flash point (closed cup, °C) : No data available

Evaporation rate: No relevant details

Flammability (solid, gas): Not flammable

Explosion data: The substance has no explosive properties

Vapor pressure: No relevant details

Vapor density: No relevant details

Specific gravity (20°C): 0.84 (typical data)

Solubility (in water): Insoluble

Decomposition temperature: No relevant details

Ignition temperature: No relevant details

Kinematic viscosity @20°C cSt: 38 (typical data)

Other: No relevant details

10. STABILITY AND REACTIVITY

10.1 Stability: This product is stable if stored and handled as specified/directed.

10.2 Possible hazardous reactions: No known hazardous reactions under normal operating and storage conditions.

10.3 Conditions to avoid: Air, sunlight, static electricity, sparks, friction, temperatures above 80°C.

10.4 Aggregation Hazards: No Aggregation

10.5 Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Acute Dermal Toxicity LD50 (Rabbit): >2mL/kg

Acute Inhalation Toxicity: No data available

Acute Oral Toxicity LD50 (Rat): >2000mg/kg

Skin Irritation or Corrosion: Not expected to be a major skin irritant, based on data on ingredients or similar materials.

Serious Eye Damage/Eye Irritation: Not expected to cause eye irritation, based on data on ingredients or similar materials.

Respiratory or Skin Sensitization: Exposure may cause mucous membrane and upper respiratory tract irritation if material is misted or if heated to produce vapors.

Based on data on ingredients or similar materials.

Germ Cell Mutagenicity: No data available to indicate that the product or any ingredient present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity: No data available to indicate that any ingredient present at greater than 0.1% presents a carcinogenic hazard.

Reproductive Toxicity: No data available to indicate that the product or ingredient present at greater than 0.1% may cause reproductive toxicity.

Specific target organ toxicity - single exposure: If the material is heated to produce vapors, exposure may cause irritation of mucous membranes and upper respiratory tract.

Specific target organ toxicity - repeated exposure: If the material is heated to produce vapors, exposure may cause irritation of mucous membranes and upper respiratory tract.

Aspiration hazard: There are no data to indicate that the product or ingredients may be toxic as an inhalation hazard.

12. ECOLOGICAL INFORMATION

Acute aquatic toxicity:

Toxicity to fish: LC50 > 100mg/L, 48h, static test

To daphnia and other aquatic invertebrates: Under the test conditions, the substance is non-toxic within the water solubility range

Toxicity to aquatic plants: Under the test conditions, the substance is non-toxic within the water solubility range

Chronic aquatic toxicity: No relevant details.

Persistence and degradability: There are insufficient data to determine the biodegradability of this substance.

Potential for bioaccumulation: No relevant details.

Mobility in soil: No relevant details.

13. DISPOSAL

13.1 Nature of waste: industrial waste.

13.2 Disposal Methods: Dispose of waste in an approved incinerator or waste treatment/disposal site in accordance with all applicable regulations. Do not dispose of waste in local sewers or general garbage. Empty drums should be recovered, recycled or disposed of through a qualified or licensed contractor. Comply with local regulations.

13.3 Disposal precautions: General labor protection measures are sufficient, and discharge into drinking water systems is strictly prohibited.

14. TRANSPORT INFORMATION

Road Regulation (ADR/RID)

It is not classed as hazardous chemicals in ADR/RID Regulations.

Air Transportation (IATA /ICAO)

It is not classed as hazardous material or dangerous goods for transportations under IATA/ICAO Regulations.

Marine Transportation (IMO/IMDG)

It is not regulated as hazardous material or dangerous goods for transportation under IMO/IMDG Regulation.

Transportation precautions: The packaging must be complete and the loading must be secure at the time of shipment. During transportation, make sure that the container does not leak, collapse, fall, or be damaged. During transportation, the transport vehicle should be equipped with leakage emergency treatment equipment. During transportation, they should be protected from exposure to the sun, rain, and high temperatures. When transporting by road, follow the prescribed route and do not stay in residential areas or densely populated areas.

15. REGULATORY INFORMATION

15.1 Regulatory information:

Canada. Domestic Substances List (DSL) Inventory Listed

Korea. Existing Chemicals Inventory (KECI) Listed

China. Inventory of Existing Chemical Substances (IECSC) Listed

U.S. Toxic Substances Act Inventory Listing (TSCA) Listed

European Union Inventory of Existing Chemical Substances (EINECS) Listed

16. OTHER INFORMATION

Department to fill in the form: Technical Department of Wuhan Bolachem New Materials Co., Ltd.

Data review unit:

Reversion date: 2023/01/18

Modification instructions: This table is compiled for the first time