Material Safety Data Sheet

(MSDS) CANUTEC reg-ins-2026-00019122

Applicant: Foshan Lontum Trading Innovation CO., LTD.
Address: No. 1 Dongsheng Anzhao Street, Xiaolan Town, Zhongshan, Guangdong, China

Canadian Supplier : Impact Marketing Solutions Inc.
Address : 4619, 63 Street, Red Deer, AB., Canada

Sample name: Brakeblaster
Suggested uses and restricted uses: used as a cleaner
Issue date: December 3, 2025

Test Requested:

Section 1: Chemical Product and Company Identification

English Name of Chemical: Brakeblaster
Company Name: Anhui Zhongtian Car Care Industry Co., Ltd
Address: No. 2, East Road, Zhongxin Town, Anhui Province, China
Email: bbzn@biaobang.cn
Postal Code: 511365
Product Code: Ba1040
Version: 2025
Emergency Phone (Country/Region Code) (Area Code) (Phone Number): 020-32968488, 020-32968498
Fax Number (Country/Region Code) (Area Code) (Phone Number): 020-32968800

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Manufacturer Name: Anhui Zhongtian Car Care Industry Co., Ltd
Product Description: Parts Cleaner
Address: No. 2, East Road, Zhongxin Town, Anhui Province, China
Email: bbzn@biaobang.cn
Postal Code: 511375
Product Code: Ba1040
Version: 2025
Emergency Phone (Country/Region Code) (Area Code) (Phone Number): 020-32978488, 020-32978498
Fax Number (Country/Region Code) (Area Code) (Phone Number): 020-32978800

Section 2: Hazards Identification

Emergency Overview: Clear liquid, petroleum odor. Extremely flammable pail
Explosive when exposed to heat. May be fatal if swallowed and enters respiratory tract.
Causes skin irritation. Very toxic to aquatic organisms with long lasting effects.

GHS Hazard Classification:

Health Hazards	Inhalation Hazards	Category 1
	Skin Corrosion/Irritation	Category 2
Environmental Hazards	Hazardous to the Aquatic Environment - Acute Hazard	Category 1
	Hazardous to the Aquatic Environment - Long Term Hazard	Category 1

GHS Label Elements:
Signal Word: Danger.
Hazard Statements: Bulk Brake Blaster/ HScode：34025090 / parts cleaner UN 1993

Precautionary Statements:
Prevention: Wear a self-contained breathing apparatus if the airborne concentration exceeds the exposure limit. Wear safety goggles to prevent splashes. Ensure adequate ventilation in the workplace. Smoking is strictly prohibited.
Response: In case of leakage, cut off all ignition sources immediately. Wear protective masks and gloves. Absorb the spill with sand and allow it to evaporate in a well-ventilated area. Alternatively, wash with a non-flammable dispersant and collect the waste liquid.

Incident response: If swallowed by mistake: call a doctor or transport to the hospital immediately.
IF ON SKIN: Wash with plenty of soap and water.
If inhaled by mistake: transfer the victim to a fresh air place and keep the victim in a comfortable position for breathing.
If you feel unwell, call a doctor or transport to the hospital.
Do not induce vomiting.
If skin irritation occurs: seek medical attention/visit a doctor.
Remove all contaminated clothing and wash before reuse.
Collect the spillage.

Safe storage: Store in a well-ventilated place. Keep the container tightly sealed.
The storage place must be locked.
Protect from sun exposure. Do not expose to temperatures exceeding 50 °C /122 °F.

Disposal: Dispose of the contents/container in accordance with local regulations.

Health hazards: Swallowing and entering the respiratory tract may be fatal. Causes skin irritation. May cause drowsiness or dizziness.

Environmental hazards: Highly toxic to aquatic organisms with long-lasting effects.

Other hazards: None.

Section 3: Composition/Information on Ingredients

Ingredient:	Concentration (%)	CAS No.
Alkane solvents	/ Proprietary	73513-42-5
LPG	/ Proprietary	68476-85-7
Alcohol solvents	/ Proprietary	64-17-5
Carbon dioxide	/ Proprietary	124-38-9
D-limonene	/ Proprietary	5989-27-5

Section 4: First Aid Measures

INHALATION: If irritation occurs, move to fresh air. If irritation or other symptoms occur and persist, seek medical attention.

Skin contact: Wash with soap and water. If irritation develops and persists, seek medical attention.
EYE CONTACT: Flush thoroughly with water. If irritation persists, seek medical attention.
INGESTION: Inhalation hazard. Do not induce vomiting. Call a physician or transport to hospital.
POSSIBLE ACUTE AND DELAYED EFFECTS: Harmful or fatal if swallowed and enters respiratory tract. If swallowed, may be inhaled and cause lung damage. May cause moderate skin irritation. Prolonged skin contact may cause dry skin. Inhalation may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea.
Individual protection of first aiders: Make sure that medical personnel are aware of the substances involved and take precautions to protect themselves.
Special tips for doctors: Provide general support measures and treat according to symptoms. In case of shortness of breath, administer oxygen. Keep the victim warm. Observe the patient. Symptoms may be delayed.

Material Safety Data Sheet
(MSDS)

Section 5: Fire Protection Measures

Fire extinguishing agent:

Applicable fire extinguishing agents: Use water spray, dry powder, carbon dioxide or foam to extinguish the fire.

Unsuitable extinguishing agents: Avoid using water jets, as the products of combustion can float on the surface and spread flames.

Special hazard: Extremely flammable. Highly flammable liquid and vapor. Keep away from fire and open flames. Exposing containers to extreme heat and flames can cause them to often violently the power is broken. Steam may cause flash fire. Steam is heavier than air and may travel along the surface travels to the remote ignition source and flashes back.
Steam and air mixture will be confined there is a risk of explosion in the space.

Fire fighting precautions and protective measures: Firefighters should wear self-contained breathing apparatus and full-body fire fighting suits, and fight the fire from the upwind direction.
Try to move the container from the fire scene to an open area. Cooling exposed to fire with water the container is steaming side by side. Isolate the accident site and prohibit irrelevant personnel from entering. Contain and dispose of fire water to prevent environmental pollution.

Section 6: Accidental Release Measures

OPERATOR PROTECTIVE MEASURES, PROTECTIVE EQUIPMENT AND EMERGENCY DISPOSAL PROCEDURES: Remove all sources of ignition. Use appropriate personal protective equipment. Provide good ventilation. Avoid generating and inhaling vapors. Avoid contact with skin and eyes. Based on the area of influence of liquid flow or vapor dispersion, establish a perimeter and evacuate uninvolved persons from the side winds, upwind.
Environmental Protection Measures: Avoid release to the environment. In case of leakage into the drainage system/aquatic environment, notify local authorities.
Take measures to prevent further leakage or spillage under conditions that ensure safety. Prevent spills from entering bodies of water, sewers, basements or confined spaces.
Methods of Sheltering and Removing Spilled Chemicals and Disposal Materials Used: Leaking tanks should be placed in plastic bags or open drums until pressure dissipates. Absorb the liquid with an inert absorbent and collect in a suitable container for disposal. Thoroughly clean the spill area. Report the spill to the appropriate authorities as needed.
Immediately clean up the spill to avoid further spills.

Section 7: Handling and Storage

Precautions for handling:

LOCAL OR COMPREHENSIVE VENTILATION: Disposal should be carried out in an area with local or complete ventilation.

SAFETY INSTRUCTIONS: Operators should follow procedures and use personal protective equipment.

Precaution: Avoid contact with eyes and skin. Avoid inhalation of vapors or aerosols. Use only in a well-ventilated area.

Keep away from heat sources, sparks, pilot lights, hot surfaces and open flames. Unplug power tools, motors and appliances before spraying or placing can near any electrical source.

tools, motors and appliances. Electrical power can cause a hole in the container can and cause the contents to explode and catch fire. To avoid severe burns, do not

touch the battery wiring port, electrical connections on motors or appliances and any other power source. Thoroughly clean with soap and water after handling.

Wash. Keep container closed when not in use. Keep out of reach of children. Do not puncture, crush, or burn even empty containers.

or burn.

Storage Precautions:

SAFE STORAGE CONDITIONS: Store in a cool, well-ventilated area away from incompatible materials. Do not store in direct sunlight or above 120°F.

Do not store in direct sunlight or above 120°F. U.F.C. (NFPA 30B)

Substances to avoid: Strong oxidizing agents.

Safe Packaging Material: Store in original container.

Section 8: Exposure Controls/Personal Protection

OEL (Occupational Exposure Limit): Not available.

Monitoring Method: Gas Chromatography.

Engineering Controls: Ensure adequate ventilation during use. Smoking is strictly prohibited in the work area.

Respiratory Protection: In case of excessive concentration in the air, wear a self-contained filtering respirator (half-mask).

Eye Protection: Wear safety glasses to prevent splashes.

Body Protection: Generally, no special protection is required. Wear anti-static workwear for high-concentration exposure.

Hand Protection: Wear rubber gloves.

Section 9: Physical and Chemical Properties

Appearance: colorless to light yellow misty liquid
Odor threshold: no information
Molecular Formula: Mixture not applicable
Relative molecular weight: mixture not applicable
Melting point/solidification point (°C): not available
Boiling point/first boiling point (°C): not available
Relative density (water=1): 0.7-0.9
Saturated vapor pressure (20°C) (kPa): not available
Octanol/water partition coefficient: not available
Solubility in water: slightly soluble in water
Solubility in organic solvents: soluble in most organic solvents
Flash point (°C): -20
Autoignition temperature (°C): 300
Decomposition temperature (°C): not available
Flammability (solid,) flammable
pH value: no information
Viscosity (mPa-S): not available

Section 10: Stability and Reactivity

Stability: Stable
Polymerization Hazard: Does not polymerize under normal conditions
Conditions to Avoid: None specified
Incompatible Materials: Strong oxidizers, alkaline chemicals
Decomposition Products: Does not decompose under normal conditions

Section 11: Toxicological Information

Acute Toxicity (LD50): Not available
Irritation: None
Sensitization: None
Mutagenicity: None
Teratogenicity: None
Reproductive Toxicity: Not available
Specific Target Organ System Toxicity - Single Exposure: Not available
Specific Target Organ System Toxicity - Repeated Exposure: Not available

Section 12: Ecological data

Acute Toxicity (Algae, Daphnia, Fish): Can pollute air, water environments, and water sources. Special attention should be given to fish and mammals.
Ecological Toxicity: Not available
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available

Section 13: Disposal Considerations

Waste Nature: Hazardous waste
Disposal Methods: Drain the canister after use or dispose according to national and local regulations.
Disposal Precautions: Do not incinerate empty containers.

Section 14: Transport Information **CANUTEC reg-ins-2026-00019122**

UN Number: 1993
UN Shipping Name: partcleaner
UN Hazard Classification: Class 3.
Packing group: PGII (medium danger)
Packing Method: Tinplate pails,
Transportation Precautions: Prevent violent collision and avoid high temperature; prohibit mixing with oxidizers.

Section 15: Regulatory Information

China's chemical safety management regulations:
Regulations on the Safe Management of Chemical Hazardous Substances ([March 2, 2011] issued by the State Council)
Regulations on the Safe Use of Chemicals in the Workplace ([1996] Ministry of Labor Issued No. 423)
GB 6944 Classification of Dangerous Goods and Product Numbers
GB/T 16483 Content and order of items of safety technical instructions for dangerous goods
GB 13690 General Rules for Classification of Chemicals and Publication of Hazards

Material Safety Data Sheet

(MSDS)

Section 15: Regulatory Information

GB 12268 Dangerous goods article name list

GB 15258 Provisions on the preparation of safety labels for chemicals

GBZ 2.1 Occupational Exposure Limits for Hazardous Factors in the Workplace Part 1: Chemical Hazardous Factors

The regulations on the safe use, production, storage, transportation, loading and unloading of chemical hazardous materials have been stipulated accordingly.

Section 16: Other Information

References:

Date of filling: January 10, 2025

Filled by: Technical Center

Data Audit Unit: Anhui Zhongtian Car Care Industry Co., Ltd

Modification description: modified every 5 years

End of MSDS