Item 74BULK

SAFETY DATA SHEET

WORKING COPY

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

LA CHEMICALS, LTD.

Date Issued : 08/06/2019
SDS No : Brake and Metal Parts Cleaner

Brake and Metal Parts Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Brake and Metal Parts Cleaner
GENERAL USE: Parts Cleaner
PRODUCT DESCRIPTION: Cleaning Compound
PRODUCT FORMULATION NAME: Brake and Metal Parts Cleaner

MANUFACTURER

LA Chemicals, Ltd.
2415 Gardner Rd.
Broadview, IL 60155
Emergency Contact: Mike Ryniec
Emergency Phone: 800-424-9300
Customer Service: 708-345-6880
Transportation: 708-345-6880
E-Mail: MRYNIEC@LACHEMONLINE.COM

24 HR. EMERGENCY TELEPHONE NUMBERS

AAPCC Poison Help : (800) 424-9300
CANUTEC (Canadian Transportation) : (613) 996-6666
CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 3
Aspiration Hazard, Category 1
Eye Irritation, Category 2A

Physical:

Flammable Liquids, Category 2

GHS LABEL

Flammable liquid and vapour

Flame

Exclamation mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H226: Flammable liquid and vapour.

PRECAUTIONARY STATEMENTS

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P285: In case of inadequate ventilation wear respiratory protection.
P240: Ground and bond container and receiving equipment.

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P243: Take action to prevent static discharges.
P242: Use non-sparking tools.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P337: If eye irritation persists:.
P370+P378: In case of fire: Use ... to extinguish.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P391: Collect spillage.

Storage:

P102: Keep out of reach of children.
P410+P403: Protect from sunlight. Store in a well-ventilated place.

Disposal:

P501: Dispose of contents and container in accordance with local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Low Boiling Point Hydrogen Treated Naphtha - Naphtha (petroleum), Hydrotreated Light	> 90	64742-49-0
2-propanol	< 10	67-63-0

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

SKIN: Remove contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

INGESTION: DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconcious person. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If unconcious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Adverse symptoms may include pain or irritation, watering, and redness.

SKIN: Adverse symptoms may include irritation and redness.

INGESTION: Adverse symptoms may include nausea and vomiting.

INHALATION: Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.

NOTES TO PHYSICIAN: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gatsric lavage. If patient is obtunded, protect the airway by endotracheal intubation or by placement of the body in a trendelenburg and left lateral decubitus position.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Flammable class 2B liquid.

EXTINGUISHING MEDIA: Dry chemical, alcohol foam or carbon dioxide or water spray (fog). Water may be ineffective. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to

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stop leak and disperse vapors.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: nitrogen oxides, carbon monoxide, and carbon dioxide.

EXPLOSION HAZARDS: Above flash point, vapor-air mixtures are explosive within flammable limits noted. Vapors can flow along surfaces to distant ignition sources and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. This material may produce a floating fire hazard. Sensitive to static discharge.

FIRE FIGHTING PROCEDURES: Promtly remove all persons from the vicinity of the incident if there is a fire. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

FIRE FIGHTING EQUIPMENT: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Increases the flammability of combustible, organic and readily oxidizable materials.

SENSITIVE TO STATIC DISCHARGE: Remove all possible sources of ignition in the surrounding area. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include carbon dioxide and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spilled material if possible. Absorb with materials such as: Non-combustible material. Collect in suitable and properly labeled containers.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid dispersal of spilled material and runoff and contact with waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers or waterways).

LAND SPILL: Avoid dispersal of spilled material and runoff and contact with soil. Inform the relevant authorities if the product has caused environmental pollution (soil).

GENERAL PROCEDURES: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Water polluting material. May be harmful to the environment if released in large quantities.

SPECIAL PROTECTIVE EQUIPMENT: Put on appropriate personal protective equipment (protective gloves, clothing, eye protection, and face protection). Wear appropriate respirator when ventilation is inadequate. Use explosion-proof equipment. Use only non-sparking tools.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use only in a well ventilated area.

HANDLING: Loosen closure cautiously before opening. Keep away from heat and flame. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in accordance with local regulations. Store in a segregated and approved area in original container protected from sunlight in a dry, cool and well-ventilated and approved area away from incompatible materials. Keep container closed to prevent drying out. Move container away from oxidizing materials. Use appropriate containment to avoid environmental contamination.

STORAGE TEMPERATURE: Store away from heat sources and direct sunlight. Ideal storage temperature is 60-68F.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	**Type**		**ppm**	**mg/m³**
2-propanol	**OSHA PEL**	**TWA**	400	980
	ACGIH TLV	**TWA**	200	490
		STEL	400	960
	Supplier OEL	**TWA**	NL	NL
		STEL	NL	NL

ENGINEERING CONTROLS: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only adequate ventilation. Local exhaust ventilation may be necessary for some operations.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

SKIN: Use gloves chemically resistant to this material. Examples of preffered glove barrier material include: Neoprene, Polyvinyl chloride (PVC or vinyl), Polyethylene, Natural rubber (latex), Nitrile/butadiene rubber (nitrile or NBR), Ethyl vinyl alcohol laminate (EVAL). Avoid gloves made of Polyvinyl alcohol (PVA). The selection of the specific glove depends on the partical application, duration, other chemicals involved besides this product, physical requirements, potential skin reaction to glove materials, as well as the instructions/specifications provided by the glove supplier.

RESPIRATORY: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the approved respirator. Selection of air-purifying or positive-pressure supplied air, will depend on the specific operation and the potential airborne concentration of the material.

PROTECTIVE CLOTHING: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

OTHER USE PRECAUTIONS: Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Hydrocarbon solvent odor

APPEARANCE: Clear/water-white

COLOR: Water-white

PHYSICAL STATE COMMENTS: Flammable Liquid

pH: Neutral

PERCENT VOLATILE: 100 at (70°F)

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FLASH POINT AND METHOD: < (16°F) Tag Closed-Cup (ASTM D56)

AUTOIGNITION TEMPERATURE: > 204°C to 399°C

VAPOR PRESSURE: > 40 mm Hg at 20°C (68°F)

VAPOR DENSITY: > 1.6 Air=1

BOILING POINT: > 56.5°C (133°F)

MELTING POINT: > -95°C (-139°F)

THERMAL DECOMPOSITION: No information available

SOLUBILITY IN WATER: This product is insoluble in water

EVAPORATION RATE: > 3.2 (Butyl Acetate=1)

DENSITY: ~ 5.79

SPECIFIC GRAVITY: ~ 0.693

VISCOSITY: Low Viscosity

(VOC): 100

10. STABILITY AND REACTIVITY

REACTIVITY: Normally reactive if handled properly

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products depend upon temperature, air supply and the presence of other materials. Carbon monoxide and carbon dioxide are possible decomposition products.

INCOMPATIBLE MATERIALS: Strong oxidizing agents; strong inorganic acids.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD_{50}: > 2000 mg/kg

Notes: Rabbit

ORAL LD_{50}: > 5000 mg/kg

Notes: Rat

SKIN CORROSION/IRRITATION: Causes skin irritation

SERIOUS EYE DAMAGE/IRRITATION: Irritating to the eyes and skin.

RESPIRATORY OR SKIN SENSITISATION: Not classified as sensitizing by skin contact

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: The generation of waste should be avoided or minimized whenever possible. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an

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RCRA approved waste facility. Dispose in accordance with all local, state, and federal regulations.

FOR LARGE SPILLS: Do not allow product to reach sewage system.

PRODUCT DISPOSAL: Disposal must be made according to official regulations.

EMPTY CONTAINER: Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container.

RCRA/EPA WASTE INFORMATION: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not listed as an RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1993,Flammable Liquids,N.O.S.(Contains Heptane, Isopropyl Alcohol)PGII.

TECHNICAL NAME: Brake and Metal Parts Cleaner

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1993

PACKING GROUP: II

LABEL: Flammable Liquid

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

Flammable Liquid

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Acute Health Hazard/Fire Hazard

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
2-propanol	< 10	67-63-0

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product is listed on the CERCLA Inventory.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Chemical Name	CAS
Low Boiling Point Hydrogen Treated Naphtha - Naphtha (petroleum), Hydrotreated Light	64742-49-0
2-propanol	67-63-0

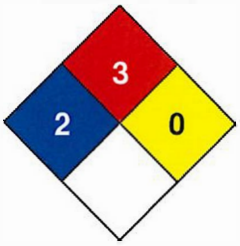
16. OTHER INFORMATION

PREPARED BY: Mike Ryniec **Date Prepared:** 08/06/2019

HMIS RATING

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

NFPA CODES



MANUFACTURER DISCLAIMER: While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser's intended use of the material. LA Chemicals, LTD assumes no responsibility resulting from the use of this SDS.