

Safety Data Sheet
BRAKE PARTS CLEANER

SECTION I - IDENTIFICATION



Car Chem
398 S. King Oak St.
Trenton, IL 62293
(618) 224-7445
INFOTRAC :..... (800) 535-5053

Product Number CHE BC55
Product Name BRAKE PARTS CLEANER
Chemical Family
CAS Number Multiple
Date Prepared 9/8/1995
Revision Number 7/18/2016
Recommended Use Brake and Parts Cleaner

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Flammable Liquids	Category 2
Aspiration Hazard	Category 1
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A

DANGER!

GHS LABEL:



Hazard Statements

H225	Highly flammable gas and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation

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Precautionary Statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground or bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting equipment, etc.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures to prevent static discharge.
- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves, clothing, eye and face protection. Goggles, gloves, face mask/shield and/or a separate approved breathing apparatus if required.
- P301+310 IF SWALLOWED: Immediately call a POISON CENTER or physician.
- P302+352 IF ON SKIN: Wash with plenty of running water and soap until all is removed.
- P303+361+353 IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin or hair with water or shower.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P321 Specific treatment: refer to section four, first aid or see a physician.
- P331 Do NOT induce vomiting.
- P332+313 If skin irritation occurs: get medical attention.
- P337+313 If eye irritation persists get medical attention.
- P362+364 Immediately remove all contaminated clothing and wash them before reuse.
- P370+378 In case of fire: Use alcohol resistant foam or CO2 to extinguish.
- P403+235 Store in a cool, well ventilated area.
- P405 Store locked up.
- P501 Dispose of contents or container according to all state, local and federal laws.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Isopropyl Alcohol	67-63-0	1-20	400 ppm	200ppm (TWA)
Light Hydrotreated Distillate	68410-97-9	1-100	300 ppm	300 ppm

SECTION IV - FIRST AID MEASURES

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- Contact with eyes:** Flush eyes with running water for ten minutes. Remove contact lenses and continue to flush. If irritation persists, seek medical attention.
- Skin contact:** If on skin rinse well with clean water and soap. If on clothing remove the contaminated clothing immediately. Wash clothing before reuse. Seek medical attention/advice if needed.
- Inhalation:** Remove victim to fresh air. If breathing difficulty seek medical attention. Administer oxygen or artificial respiration if breathing is affected or stopped. Loosen any tight clothing.
- Ingestion:** If swallowed. Do not induce vomiting unless instructed to do so by a poison control center. Rinse mouth. Seek immediate medical attention by calling 911 and seeing a physician.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Combustible liquid.

Unusual Fire Fighting Hazards: Do not use high volume water jet.

Vapors may form explosive mixtures with air and travel a considerable distance to a source of ignition and flashback. It may become electrostatically charged. If sufficient charge is accumulated ignition of flammable mixtures may occur. Use proper grounding and bonding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

SECTION VI - ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Keep all sources of ignition and hot metal surfaces away from spill or release.
- Always wear personal protective equipment to include shielding your eyes, exposed skin and breathing.
- Environmental Precautions:** Prevent liquid from entering drains, sewers or waterways.
- Contain spill if it can be done with minimal risk.
- Methods for Cleaning Up:** Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- NFPA Class I storage.
 - Vent container carefully before opening.

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- Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended.
- "Empty" containers may retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
- Keep containers tightly closed when not in use.
- Store out of direct sunlight and in a cool, well-ventilated area.
- Vapors may form explosive mixtures with air. See section 5

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Isopropyl Alcohol	67-63-0	400 ppm	200ppm (TWA)
Light Hydrotreated Distillate	68410-97-9	300 ppm	300 ppm

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV. Showers, eye wash stations.

Monitoring: Follow accepted work practices for handling a flammable material.
Do not eat, drink or smoke in areas where this chemical is used or stored.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields.

Skin Protection: Impervious solvent resistant gloves.
Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.
Always use in a well ventilated area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Clear, Colorless Liquid
Odor	Sweet
pH@25°C	-
Melting/Freezing Point	ND
Flashpoint	53°F, TCC
Specific Gravity	0.72
Solubility	Negligible
Auto-Ignition Temperature	-
Decomposition Temperature	-
VOC Content	100% (6.50#/gal)
Odor Threshold	-
Boiling Range	>180°F
Evaporation Point	ND
Flammable Limits - Upper	12%
Flammable Limits - Lower	2%
Vapor Pressure	1.66 at 68°C
Vapor Density (Air=1)	2.1 (Air=1)
Viscosity	-

SECTION X - STABILITY AND REACTIVITY

- Stability:** Stable, under normal conditions of storage and handling.
- Conditions to Avoid:** Extreme heat and ignition sources.
Sparks, fire, and extreme temperatures.
- Hazardous Decomposition/Byproducts:** CO, CO₂, and various hydrocarbons under combustion conditions.
- Hazardous Polymerization:** Under normal conditions of storage and use, hazardous reactions should not occur.
- Polymerization Conditions to Avoid:** None
- Incompatibilities:** Strong acids and bases, strong oxidizers

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: May cause irritation to the upper respiratory tract and CNS depression.

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild stinging and irritation including redness, burning and drying/cracking of the skin.
No harmful effects from skin adsorption are expected.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.
May cause gastrointestinal irritaion with nausea, vomiting and diarrhea.

Acute Toxicity Value: See Health Hazards below.

Chronic (Long Term) Effects: See Health Hazards above.

Toxicity:

Component Name	LD50	LC50
Isopropyl Alcohol	Oral - Rat - 5,045 mg/kg - Dermal - Rabbit - 12,800 mg/kg	Inhalation - Rat - 8 h - 16000 ppm
Light Hydrotreated Distillate	Not Established	Not Established

Reproductive Effects Not Applicable

Teratogenicity Not Applicable

Mutagenicity Not Applicable

Embryotoxicity Not Applicable

Sensitization to Product Not Applicable

Synergistic Products Not Applicable

Carcinogenicity Not Listed as a Carcinogen

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

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Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Flammable Liquids, n.o.s.
Contains: (Contains Light Hydrotreated Distillates)
Hazard Class and Label: 3
Identification Number: UN1993
Packaging Group: II
Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X	X		

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

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No chemicals in this material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION
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HMIS Health: 2
HMIS Flammability: 3
HMIS Reactivity: 0

Additional:

Specification Information

Department issuing data sheet:

Email address: sales@carchem.com

Training necessary: Always use personal protective equipment when using any type of chemicals for home or business use.

Disclaimer:

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