

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Information: 1000040217

Product Identifier: Non Chlorinated Brake Cleaner

Recommended Use: Cleaner

Manufacturer/Importer/Distributor Information: Association of Independent Oil Distributors
203 W Main St
Montrose, CO 81402
US
800-313-2463

Emergency Telephone: 866-836-8855

2. Hazard(s) identification

Classification

Flammable Liquid, category 2
Aspiration Hazard, category 1
Skin Irritation, category 2
Eye Irritation, category 2A
STOT, single exposure, category 3, NE
Carcinogenicity, category 2
Reproductive Toxicity, category 2
STOT, repeated exposure, category 2

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

GHS PRECAUTIONARY STATEMENTS**Prevention**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P203	Obtain, read and follow all safety instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe fumes, mists, vapours or spray.
P264+P265	Wash hands thoroughly after handling. Do not touch eyes.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves, eye protection, face protection, and protective clothing

Response

P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P318	IF exposed or concerned, get medical help.
P319	Get medical help if you feel unwell.
P331	Do NOT induce vomiting.
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use carbon dioxide, dry chemical, or foam to extinguish.

Storage

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal

P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
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Other Information

None

3. Composition/Information on Ingredients**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Acetone	67-64-1	50-75
Naphtha, (Petroleum), Hydrotreated Light	64742-49-0	10-25
n-Heptane	142-82-5	2.5-10
Xylene	1330-20-7	2.5-10
Ethyl Benzene	100-41-4	1.0-2.5
Methylcyclohexane	108-87-2	1.0-2.5

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments: Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

4. First-aid Measures

SKIN CONTACT: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

EYE CONTACT: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

INHALATION: Move to fresh air.

INGESTION: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center.

IMPORTANT SYMPTOMS: No data available

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Symptoms may be delayed.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No data available

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS : Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal. In case of leakage, eliminate all ignition sources.

ENVIRONMENTAL PRECAUTIONS: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

7. Handling and Storage

HANDLING: No data available

SAFE HANDLING ADVICE: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Observe good industrial hygiene practices. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges.

STORAGE: No data available

NFPA 30B: No data available

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Acetone	250 ppm	500 ppm	1000 ppm	N.E.
Naphtha, (Petroleum), Hydrotreated Light	N.E.	N.E.	100 ppm	N.E.
n-Heptane	400 ppm	500 ppm	500 ppm	N.E.
Xylene	20 ppm	N.E.	100 ppm	N.E.

Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.
Methylcyclohexane	400 ppm	N.E.	500 ppm	N.E.
Toluene	20 ppm	N.E.	200 ppm	300 ppm

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

ENGINEERING CONTROLS: No data available

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield.

SKIN PROTECTION: No data available

RESPIRATORY PROTECTION: Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

HYGIENIC PRACTICES: When using do not smoke. Observe good industrial hygiene practices.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Clear
Color:	White
Odor:	Solvent
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	56
Flash Point, °C:	-20
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	No data available
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	0.761
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

10. Stability and Reactivity

REACTIVITY: No data available

STABILITY: Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available

CONDITIONS TO AVOID: Heat, sparks, flames.

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

11. Toxicological Information

Information on Likely Routes of Exposure

IMPORTANT SYMPTOMS: No data available

SKIN CONTACT EFFECTS: May cause irritation on prolonged or repeated contact.

EYE CONTACT EFFECTS: May cause slight irritation with tearing.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

CHRONIC HAZARDS: No data available

Carcinogenicity: contains 1 component (Ethyl Benzene) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

ATE ORAL 9,989 mg/kg

ATE DERMAL 5,031 mg/kg

ATE INHALATION 101 mg/kg

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
67-64-1	Acetone	5,800 mg/kg	7,426 mg/kg	50.1 mg/l
64742-49-0	Naphtha, (Petroleum), Hydrotreated Light	5,000 mg/kg	3,750 mg/kg	100 mg/l
142-82-5	n-Heptane	5,000 mg/kg	2,000 mg/kg	29.29 mg/l
1330-20-7	Xylene	3,523 mg/kg	1,100 mg/kg	11 mg/l
100-41-4	Ethyl Benzene	3,500 mg/kg	5,000 mg/kg	11 mg/l
108-87-2	Methylcyclohexane	>3200 mg/kg Rat	2,000 mg/kg	100 mg/l
108-88-3	Toluene	5,580 mg/kg	5,000 mg/kg	28.1 mg/l

N.I. = No Information

Skin Corrosion & Irritation:

Product: No data available

Components:

n-Heptane	142-82-5	Causes skin irritation.
Methylcyclohexane	108-87-2	Causes skin irritation.
Xylene	1330-20-7	Causes skin irritation.

Serious Eye Damage & Irritation:

Product: No data available

Components:

Acetone	67-64-1	Causes serious eye irritation.
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Respiratory or Skin Sensitization:

Product: No data available

STOT-Single Exposure:

Product: No data available

Components:

n-Heptane	142-82-5	May cause drowsiness or dizziness.
Methylcyclohexane	108-87-2	May cause drowsiness or dizziness.
Toluene	108-88-3	May cause drowsiness or dizziness.
Acetone	67-64-1	May cause drowsiness or dizziness.

STOT-Repeated Exposure:

Product: No data available

Components:

Ethyl Benzene	100-41-4	May cause damage to organs through prolonged or repeated exposure.
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Aspiration Hazard:

Product: No data available

Components:

Naphtha, (Petroleum), Hydrotreated Light	64742-49-0	May be fatal if swallowed and enters airways.
n-Heptane	142-82-5	May be fatal if swallowed and enters airways.
Methylcyclohexane	108-87-2	May be fatal if swallowed and enters airways.
Toluene	108-88-3	May be fatal if swallowed and enters airways.
Ethyl Benzene	100-41-4	May be fatal if swallowed and enters airways.

Carcinogenicity:

Product: No data available

Components:

Ethyl Benzene	100-41-4	Suspected of causing cancer
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Reproductive Toxicity:

Product: No data available

Components:

Toluene	108-88-3	Suspected of damaging fertility or the unborn child.
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Germ Cell Mutagenicity:

Product: No data available

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING : Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

UN Number: UN1993
Proper Shipping Name: Flammable liquids, n.o.s. (ACETONE, HEPTANE)
Technical Name: ACETONE, HEPTANE
Hazard Class(es)
Class: 3
Subsidiary Risk: N/A
Packing Group: II

IATA

UN Number: UN1993
Proper Shipping Name: Flammable liquids, n.o.s. (ACETONE, HEPTANE)
Technical Name: ACETONE, HEPTANE
Hazard Class(es)
Class: 3
Subsidiary Risk: N/A
Packing Group: II

IMDG

UN Number: UN1993
Proper Shipping Name: Flammable liquids, n.o.s. (ACETONE, HEPTANE) (-20 celsius degrees c.c.)
Technical Name: ACETONE, HEPTANE
Hazard Class(es)
Class: 3
Subsidiary Risk: N/A
Packing Group: II

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information

CHEMICAL INVENTORY STATUS:

TSCA On or in compliance with the inventory
DSL All ingredients in this product are listed on the DSL or are exempt.

CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:**WARNING**

Warning: This product may contain ingredients known to the state of California to cause Cancer or Reproductive Harm.

Chemical Name

Ethyl Benzene
 Toluene
 n-Hexane
 Benzene

CAS-No.

100-41-4
 108-88-3
 110-54-3
 71-43-2

16. Other Information

Revision Date: 12/16/2022

Datasheet produced by: Regulatory Department

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

